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Surety

SEEDS

-10325

JAN 18 1930



JUN 1 1930
U.S.D. Department of Agriculture

California Seed
& Plant Company
147 MARKET ST. SAN FRANCISCO, CAL.


Wintred Walker

VEGETABLE PLANTING CHART

KIND OF SEED	TIME TO PLANT OUTDOORS		DISTANCE FOR PLANTS		SEED REQUIRED		Ready to Use
	†South	North	Between Rows	In the Row	Row	Acre	
ASPARAGUS.....	Fall or Early Spring	February to April	5 to 6 ft.	18 to 24 in.	1 oz. to 40 feet	2 to 3 lbs.	2nd Spring
BEANS, Bush.....	Feb.-Apr., Aug.-Sept.	April, May and June	2 to 3 ft.	3 to 4 in.	1 lb. to 250 feet	90 to 100 lbs.	40 to 65 days
BEANS, Pole.....	February to April	April, May and June	4 ft.	2½ to 3 ft.	1 lb. to 125 hills	30 to 40 lbs.	70 to 90 days
BEANS, Lima.....	April to August	May and June	2 to 4 ft.	10 to 36 in.	1 lb. to 80 hills	50 to 60 lbs.	90 to 130 days
BEEFS, Table.....	Feb.-Apr., Aug.-Sept.	March to July	14 to 20 in.	2 to 4 in.	1 oz. to 100 feet	10 to 15 lbs.	45 to 60 days
BROCCOLI*.....	July and August	June to August	24 to 30 in.	14 to 18 in.	1 oz. to 1500 plants	6 to 8 oz.	120 to 150 days
BRUSSEL SPRT*.....	January to July	April to June	30 to 36 in.	18 to 24 in.	1 oz. to 2000 plants	6 to 7 oz.	100 to 120 days
CABBAGE, Early*.....	October to December	February to April	30 to 36 in.	16 to 24 in.	1 oz. to 2000 plants	6 to 8 oz.	90 to 110 days
CABBAGE, Late*.....	June and July	May and June	36 to 42 in.	24 to 30 in.	1 oz. to 2000 plants	6 to 7 oz.	110 to 120 days
CARROTS.....	Mar., Apr. and Sept.	April to July	12 to 24 in.	2 to 3 in.	1 oz. to 250 feet	3 to 4 lbs.	55 to 80 days
CAULIFLOWER*.....	Jan., Feb. and June	March to June	3 to 4 ft.	24 to 30 in.	1 oz. to 1500 plants	6 to 7 oz.	95 to 110 days
CELERY*.....	August to October	April to July	18 to 36 in.	6 to 10 in.	1 oz. to 8000 plants	4 to 5 oz.	120 to 150 days
SWEET CORN.....	February to April	April to June	36 to 42 in.	9 to 12 in.	1 lb. to 100 hills	12 to 15 lbs.	55 to 90 days
CUCUMBER.....	Feb., Mar. and Sept.	April to July	4 to 6 ft.	10 to 12 in.	1 oz. to 100 hills	2 to 3 lbs.	50 to 75 days
EGG PLANT*.....	February to April	April and May	24 to 30 in.	18 to 24 in.	1 oz. to 1500 plants	4 to 5 oz.	125 to 140 days
ENDIVE.....	February to April	May and June	18 to 20 in.	10 to 12 in.	1 oz. to 300 feet	3 to 4 lbs.	90 to 100 days
KALE.....	October to February	Mar. and Apr., Aug.	18 to 24 in.	12 to 18 in.	1 oz. to 2000 plants	6 to 8 oz.	55 to 60 days
KOHL RABI.....	September to May	March to May	16 to 24 in.	6 to 8 in.	1 oz. to 300 feet	3 to 4 lbs.	50 to 70 days
LEEK.....	May to September	May to June	14 to 20 in.	4 to 6 in.	1 oz. to 150 feet	4 to 5 lbs.	120 to 150 days
LETTUCE, Leaf.....	September to March	March to September	12 to 18 in.	4 to 6 in.	1 oz. to 600 feet	4 to 5 lbs.	40 to 70 days
LETTUCE, Head.....	September to February	February to August	12 to 16 in.	12 to 14 in.	1 oz. to 3000 plants	1 to 1½ lbs.	70 to 90 days
MUSKMELON.....	February to April	April to June	6 to 8 ft.	4 to 6 ft.	1 oz. to 40 hills	3 to 5 lbs.	90 to 150 days
WATERMELON.....	March to May	May and June	8 to 12 ft.	6 to 10 ft.	1 oz. to 25 hills	4 to 6 lbs.	100 to 160 days
MUSTARD.....	September to March	March to May, Sept.	12 to 18 in.	2 to 3 in.	1 oz. to 600 feet	4 to 5 lbs.	60 to 90 days
ONION, Seed.....	October to March	April and May	12 to 18 in.	2 to 4 in.	1 oz. to 200 feet	4 to 5 lbs.	125 to 150 days
ONION, Sets.....	October to February	October to May	12 to 18 in.	2 to 3 in.	1 lb. to 50 feet	2 to 3 sacks	50 to 70 days
PARSLEY.....	September to May	March to May, Sept.	18 to 24 in.	12 to 16 in.	1 oz. to 250 feet	3 to 4 lbs.	65 to 90 days
PARSNIP.....	March and April	April to June	15 to 20 in.	2 to 4 in.	1 oz. to 300 feet	4 to 6 lbs.	130 to 145 days
PEAS, Dwarf.....	September to April	Nov. and Feb. to June	18 to 24 in.	1 to 2 in.	1 lb. to 120 feet	150 to 175 lbs.	45 to 75 days
PEAS, Tall.....	September to April	Nov. and Feb. to June	4 to 6 ft.	1 to 2 in.	1 lb. to 120 feet	100 to 125 lbs.	60 to 90 days
PEPPER*.....	February to April	May and June	18 to 24 in.	14 to 16 in.	1 oz. to 1500 plants	3 to 4 oz.	130 to 150 days
POTATOES, Irish.....	January to April	March to June	24 to 36 in.	14 to 18 in.	1 lb. to 15 feet	7 to 9 sacks	90 to 150 days
PUMPKIN.....	April and May	May to July	8 to 12 ft.	6 to 8 ft.	1 oz. to 30 hills	4 to 5 lbs.	75 to 90 days
RADISH.....	September to April	February to Sept.	12 to 18 in.	1 to 2 in.	1 oz. to 100 feet	8 to 10 lbs.	20 to 75 days
RHUBARB.....	February and March	March to June	30 to 36 in.	6 to 24 in.	1 oz. to 250 feet	6 to 8 oz.	3rd year
RUTABAGA.....	August and September	May and June	18 to 24 in.	6 to 8 in.	1 oz. to 400 feet	2 to 3 lbs.	90 to 120 days
SALSIFY.....	February and March	March to May	18 to 24 in.	2 to 4 in.	1 oz. to 120 feet	8 to 10 lbs.	120 to 150 days
SPINACH.....	September to February	Feb. to May, Sept.	12 to 18 in.	3 to 6 in.	1 oz. to 100 feet	10 to 12 lbs.	45 to 60 days
SQUASH, Bush.....	February to April	April to June	3 to 4 ft.	3 to 4 ft.	1 oz. to 30 hills	4 to 6 lbs.	65 to 70 days
SQUASH, Winter.....	March and May	May to July	10 to 12 ft.	8 to 10 ft.	1 oz. to 15 hills	3 to 4 lbs.	120 to 140 days
SWISS CHARD.....	Feb.-Apr., Aug.-Sept.	March to July	12 to 18 in.	4 to 8 in.	1 oz. to 150 feet	6 to 8 lbs.	45 to 60 days
TOMATO*.....	December to March	April to June	3 to 4 ft.	2 to 3 ft.	1 oz. to 3000 plants	3 to 4 oz.	125 to 150 days
TURNIP.....	August to October	March to August	12 to 15 in.	3 to 4 in.	1 oz. to 400 feet	2 to 4 lbs.	45 to 90 days

FIELD CROPS PLANTING CHART

Kind of Seed	Per Acre	Pointers
Alfalfa	15 to 18 lbs.	Most valuable legume
Alsike Clover	8 to 10 lbs.	Best for low, moist soils
Amber Cane	8 to 10 lbs.	Likes warm weather
Artichokes, Jerusalem	400 to 800 lbs.	Hogs and cattle relish them
Barley	75 to 100 lbs.	Thrives best in rich soils
Barley, Hulless	75 to 100 lbs.	Preferred for hay, beardless
Blue Grass, Kentucky	20 to 25 lbs.	Early and late pasture
Blue Grass, Canadian	20 to 25 lbs.	Valuable for pasture
Brome Grass	15 to 20 lbs.	Best dry land grass
Buckwheat	45 to 60 lbs.	Yields much seed if cool
Corn	25 to 30 lbs.	Yields fine quality silage
Creeping Bent	8 to 12 lbs.	Thrives where water stands
Crested Dogtail	20 to 25 lbs.	Thrives in shady places
Fescues	20 to 30 lbs.	Resist drought very well
Field Peas	120 to 180 lbs.	Plant very early for seed
Flax	20 to 25 lbs.	Needs warm growing weather
Kale, 1000 Headed	2 to 3 lbs.	Wants room and fertilizer
Mangel	12 to 15 lbs.	Requires rich garden soil
Millet	20 to 30 lbs.	Valuable as catch crop
Millet, Japanese	25 to 35 lbs.	Best millet for hay, late
Oats	100 to 125 lbs.	Likes clay soils, cool weather
Oat Grass	20 to 30 lbs.	Drought resistant, nutritious
Orchard Grass	20 to 30 lbs.	Stands shade well, early
Rape, Dwarf Essex	3 to 5 lbs.	Fine catch crop after grain
Red Clover	8 to 12 lbs.	Most popular clover
Red Top	12 to 15 lbs.	Thrives on most soils
Reed Canary Grass	10 to 12 lbs.	Best for wet muck lands
Rutabagas	2 to 3 lbs.	Preferred by many diarmen
Rye	90 to 120 lbs.	Poor soil grain crop
Rye Grass	20 to 30 lbs.	Pasture or hay in mixture
Speltz or Emmer	100 to 125 lbs.	Stands frost well, prolific
Soy Beans	30 to 50 lbs.	Valuable green manure crop
Sudan Grass, Annual	8 to 10 lbs.	Matures in three months
Sunflower, Mam. Russ.	10 to 15 lbs.	Worth a trial for silage
Sweet Clover	15 to 20 lbs.	Valuable for improving soil
Timothy	8 to 12 lbs.	America's leading hay grass
Turnips	2 to 3 lbs.	Sow in early fall, fine feed
Vetch, Common Gray	90 to 120 lbs.	Best all around green feed
Vetch, Hairy or Sand	30 to 40 lbs.	Cover crop or green manure
Wheat	80 to 100 lbs.	The standard grain crop
White Clover	6 to 8 lbs.	Relished by stock of all kinds

This mark  is placed before the names of vegetable and field crop varieties listed in this book that possess outstanding merit which entitles them to your special consideration when you make up your order. They are so marked to make it easy for you to select the best varieties.

*Planting dates shown for crops marked "Lurey's" are intended to be for setting plants into the field. Seed should be sown 40 to 60 days earlier.

Seed should be covered from three to five times its diameter with well prepared soil.

The above chart gives distances between rows for hand cultivation; where horse or tractor is used the rows should be farther apart.

†Planting time indicated in this column will be of value to growers in Southern California, Arizona, Texas, etc. North of San Francisco the dates shown in the next column will apply.

Rec'd JAN 18 1920

Surety SEEDS

THERE just is no such thing as a Substitute for Quality, and few indeed are the commodities where Quality is of greater importance than with Seeds. There is Quality in every packet of Seed offered in this book. You can depend on that.

Scientific Breeding Methods—Careful Variety Selections—Modern Production Facilities and Thoughtful Cleaning and Testing Practices are combined to produce Surety Seeds which are sealed in trade-marked packages to insure their freshness, preserve their purity, safeguard their germination and make their identification easy. *Any package found unsatisfactory will be replaced free of charge on return of the empty package.*

We are not bound for any definite time or quantity by the prices quoted in this catalog. All prices printed herein are subject to change without notice and will vary with market.

We give no warranty, express or implied, as to description, quality, productiveness or any other matter of any seeds we sell and will not be in any way responsible for the crop.

ASPARAGUS

JULY'S Washington Giant—Selected by the U. S. Department of Agriculture as being immune against rust. Shoots are of Giant size and fleshy but very tender, the flavor excellent and the productive capacity is enormous. Both blanched and green asparagus can be grown from Washington Roots, the difference being largely one of cultural method. Washington is naturally a Green Asparagus but by "ridging" up the soil so as to cover the stalks, blanched (white) asparagus can be produced.

Jerusalem Artichoke Tubers

Grown the same as potatoes, they make one of the finest hog foods known. Generally harvested by allowing the hogs to do their own digging, and if not hogged out too clean, good volunteer crops are produced the following year. Six to eight sacks will plant an acre. Tubers in season only Nov. 1st to May 15th.



Bush, Pole and Lima BEANS

*It's easy to grow this nutritious food
Most wholesome Fresh from the Garden*

BUSH VARIETIES

LILLYS GOLDEN WAX, an improved strain of superior quality, remarkably free from rust or spot and very productive. Vines grow erect and bear pods well off the ground in great profusion. Pods are about 5 inches long, quite fleshy but broad and almost straight. The color is a rich golden yellow and they are stringless at all stages of growth. Packets, 15c and 20c.

DAVIS WHITE WAX, a popular market garden variety. The seed is white, fairly larger and fleshy, making them desirable also as shell beans. The

pods are light yellow in color, perfectly straight, about 6 inches long, oval-shaped and fleshy. They possess a high table quality and are not excelled for canning, the white seeds being very attractive in the jars. The bushes are tall and strong. Packet, 15c.

Burpee's STRINGLESS GREEN POD. This famous snap bean is unequalled. Plants are medium large, of somewhat spreading growth with dark green foliage and always holds its bush form. It is enormously productive and very early. The pods are medium in length, slightly curved and are so fleshy even when quite young, that they appear double-barreled.

They are tender and brittle and of very fine flavor, retaining their meaty form when full grown and lacking the faintest sign of stringiness. Packet, 15c.

DWARF HORTICULTURAL, also called Cranberry, Wren's Egg and Italian bean. Excellent either as a snap bean or green shell bean. The bushes grow strong and robust and the green pods are large and splashed with carmine. The pods are practically stringless and are delicious as snap beans but they are much used also as green shelled beans, being gathered about 10 days later than for snap purposes. At that age the beans are very large and easily shelled and are equal to Lima Beans for quality.

The mature seed is pale buff in color, mottled pink. Packet, 15c.

POLE VARIETIES

KENTUCKY WONDER or OLD HOME-STEAD is claimed to be the best flavored of all green beans in cultivation. It does combine size and quality to an extraordinary degree. The pods are fleshy, saddle-backed and generally borne in clusters of 2 or 4. They average 8 to 10 inches in length, are light green in color, and are perfectly stringless. Kentucky Wonder is very early for a pole bean and matures immense crops. They are rank climbers and should have strong pole supports at least 8 feet high. They are the most popular of all pole beans. Packets, 15c and 20c.

OREGON GIANT or YOUNT, a comparatively new pole bean originated in the Northwest and possessing an exceptional amount of real merit. It is a rank grower and produces light green pods splashed with red in great abundance. Its production habit is rather an everbearing one since it keeps on producing until killed by frost. The pods are very large and fleshy, averaging more than a foot in length and about an inch in diameter and are produced in clusters. In its prime it is absolutely stringless and has a most wonderful flavor. Packet, 15c.

SCARLET RUNNER

An ornamental climber. Also useful for the table. Of strong, quick growth, bearing large sprays of bright scarlet flowers. The pods are tender and tasty while young. Climbs well and is often grown for ornament. Seed large, lima shape, reddish brown, mottled black. Pkt., 10c.

Burpee's IMPROVED BUSH LIMA produces a magnificent crop of pods, measuring 5 to 6 inches long and about 1 1/4 inches wide. The beans are very fleshy, being twice as thick as ordinary limas and having a luscious quality which is very desirable. Plants grow 20 inches tall and have an erect branching stem. Packet, 15c.

LILLYS Tobacco Soap Spray will be found very efficient in the control of Aphis that sometimes attack beans and other vegetables.





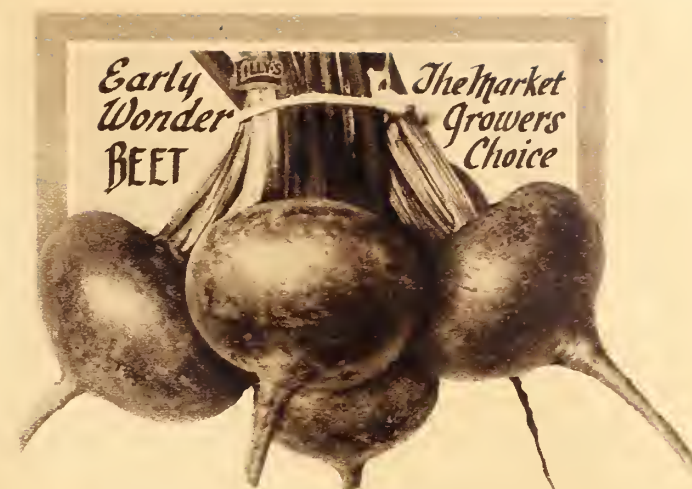
Early Blood Red BEET has given home gardeners such excellent satisfaction that it now is a universal favorite. The color is a rich dark red and is retained when the beet is cooked. The flavor is exceptionally fine and sweet. In shape it is globular, smooth and free from side roots. It retains its high quality well and stands a long time in its prime, making it especially desirable for home gardens.

Packet, 5c; oz., 15c; $\frac{1}{4}$ lb., 35c; lb., 95c.



Detroit Dark Red BEET, on account of its uniformity in size and its smooth handsome appearance when canned, has become a favorite with canners. The leaves are dark green, shaded red and make an upright growth allowing close planting. Roots are globe-shaped, skin blood red and the flesh a rich red, zoned with a darker shade. They are entirely free from white rings. Good keepers.

Packet, 5c; oz., 15c; $\frac{1}{4}$ lb., 35c; lb., 95c.



Early Wonder BEET is a selection from the old Crosby's Egyptian and has practically replaced that variety. It may be planted very early and matures to table size rapidly, making it especially desirable for market growing. It is uniform in shape, almost globular, being slightly flattened at the top. The flesh has a deep blood-red color and extremely tender. Packet, 5c; oz., 15c; $\frac{1}{4}$ lb., 35c; lb., 95c.

For Swiss CHARD see Page 17.

MANGELS for Stock Feeding

Mangels require the same soil and climatic conditions as Sugar Beets and yield immense tonnage of fine feed in sections too cool for Corn. Prices, any variety, per lb., 55c.

Sludstrup MANGEL—Long, tapered smooth roots of immense size and a rich reddish-yellow skin with white flesh, the greater portion growing above the ground.

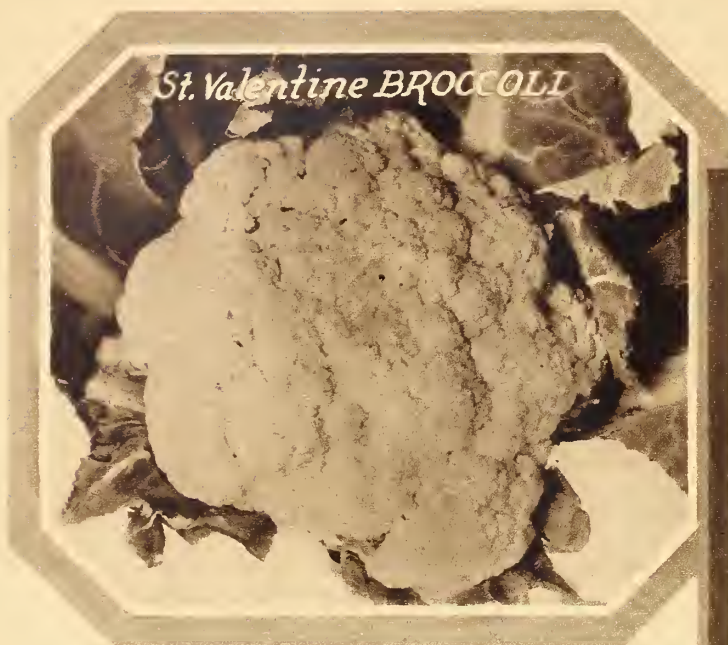
Half Sugar Rose Top MANGEL produces large, long roots that combine the best qualities of the Sugar Beet with the Mangel. Roots are large, rose colored above the ground and grayish white below.

Mammoth Long Red MANGEL produces the largest individual roots of any sort we offer. Roots develop mostly above the ground, the skin is bright red and the flesh white veined with pink.

Giant Intermediate MANGEL—Between the long and round sorts in shape. The skin is yellow and flesh white with yellow zones.

Golden Tankard MANGEL—The roots are oval shaped, orange colored with yellow flesh, zoned white.





BROCCOLI is a member of the Cauliflower family and is grown during the winter months, coming to maturity when Cauliflower is no longer available. Since Dietary experts attribute remarkable fat-reducing qualities to Broccoli this vegetable is increasing in popularity each year.

St. Valentine BROCCOLI, a large headed variety of fine appearance and excellent quality. It has replaced all the other varieties of regular Broccoli because it is especially suited to growing on the Coast and stands shipping remarkably well. The heads are waxy white, of uniform large size and the curd or flower is close-knit and holds well in the head.

Packet, 10c; $\frac{1}{4}$ oz., 45c; oz., \$1.25; $\frac{1}{4}$ lb., \$3.50; lb., \$10.00.

Italian Green Sprouting BROCCOLI, a new sort with much merit. Its habit of growth is much different from regular Broccoli in that after the main head has been harvested the stem branches and produces numerous small loose heads about two inches in diameter which, though green in color, are nevertheless of very fine flavor and delicious quality. It can also be grown successfully in almost any section of the West since it thrives also in warm places if plenty of moisture is supplied but should always be grown during the cool season of the gardening year.

Packet, 10c; $\frac{1}{4}$ oz., 45c; oz., \$1.25; $\frac{1}{4}$ lb., \$3.50; lb., \$10.00.

Dwarf Improved BRUSSELS SPROUTS are a quality vegetable forming miniature cabbage heads on the plant stalk. Frost improves their flavor for which reason they are grown so as to mature in the late fall or winter.

Pkt., 10c; oz., 30c; $\frac{1}{4}$ lb., 90c; lb., \$2.70.



Illy's Maggotbate is a reliable preventative of Vegetable Root Maggots. Its use at planting time and at intervals during the growing period makes it possible to avoid serious losses from this pest.

Illy's Early Alba, the Improved Snowball CAULIFLOWER, is a special strain that heretofore has been stocked especially for the Market Garden trade because gardeners have long recognized its superior qualities. In size, compactness and color it is ideal. A properly grown head measures 9 to 10 inches in diameter and has proportionate depth. The plant is of dwarf growth and is early maturing, both of which are very desirable qualities.

Packet, 25c; $\frac{1}{4}$ oz., \$1.50; oz., \$4.40; $\frac{1}{4}$ lb., \$13.50.

Danish Dry Weather CAULIFLOWER produces a large, solid, pure white head. In all respects it is a first-class Cauliflower, but is especially adapted to dry locations. It will, of course, also do well in moist localities or wet seasons, yielding crops equal to any. It is not suited for forcing under glass but has proven especially valuable in the Southern States. A sure header with a delicious flavor.

Packet, 25c; $\frac{1}{4}$ oz., \$1.00; oz., \$3.00; $\frac{1}{4}$ lb., \$9.00.

Veitch's Autumn Giant Cauliflower, also known as California Wonder, is a large, late sort producing quite compact, white heads, surrounded by a mass of large spreading leaves. Like other late sorts, it is a sure header only in cool, moist sections.

Packet, 10c; $\frac{1}{4}$ oz., 45c; oz., \$1.25; $\frac{1}{4}$ lb., \$3.75.



Cabbage

Jilly's Golden Acre is the earliest round head sort and is an improvement over the old Copenhagen Market variety. It is solid heading, with tightly folded leaves, and the average weight is about 5 pounds, making it the ideal size for home or market use. The texture and flavor are both very fine.

Packet, 5c; oz., 50c; $\frac{1}{4}$ lb., \$1.50; lb., \$5.00.

Early Jersey Wakefield is the most popular extra early variety, heads are pointed and uniformly hard and of fine quality. The leaves have small midribs which enhances its appearance when cooked.

Packet, 5c; oz., 20c; $\frac{1}{4}$ lb., 60c; lb., \$2.00.

Stein's Early Flat Dutch is a widely grown variety of quick growth and early maturity. The heads are nice and solid, with decidedly flattened top, weighing on the average 10 to 12 pounds at maturity. A favorite with market growers.

Packet, 5c; oz., 20c; $\frac{1}{4}$ lb., 60c; lb., \$2.00.

Jilly's Danish Ballhead—Unsurpassed for winter use, medium late maturing and a splendid keeper; heads are round, medium size and very hard; average 8 to 10 pounds each; a fine kraut cabbage and a good keeper for winter use.

Packet, 5c; oz., 25c; $\frac{1}{4}$ lb., 75c; lb., \$2.50.

Premium Late Flat Dutch—A slow growing, sure heading popular late variety, large spreading outside leaves, very large flat heads; keeps well and of fine flavor.

Packet, 5c; oz., 20c; $\frac{1}{4}$ lb., 60c; lb., \$2.00.

Jilly's Drumhead Savoy is a vigorous grower and the largest solid heading Savoy sort. In flavor it is quite unique and distinct from other cabbage and for that reason is preferred by many connoisseurs. It has our highest recommendation.

Packet, 5c; oz., 20c; $\frac{1}{4}$ lb., 60c; lb., \$2.00.

Mammoth Dutch Red Rock has small heads of the finest quality for pickling, slaw and salad. A good keeper, very hard and crisp. Its color is deep purple red. Pkt., 5c; oz., 25c; $\frac{1}{4}$ lb., 75c; lb., \$2.50.

Chinese Pe Tsai or celery cabbage has long heads very much like good Cos Lettuce. Pkt., 5c; oz., 55c; $\frac{1}{4}$ lb., \$1.65; lb., \$5.50.



*Stein's Early
Flat Dutch*



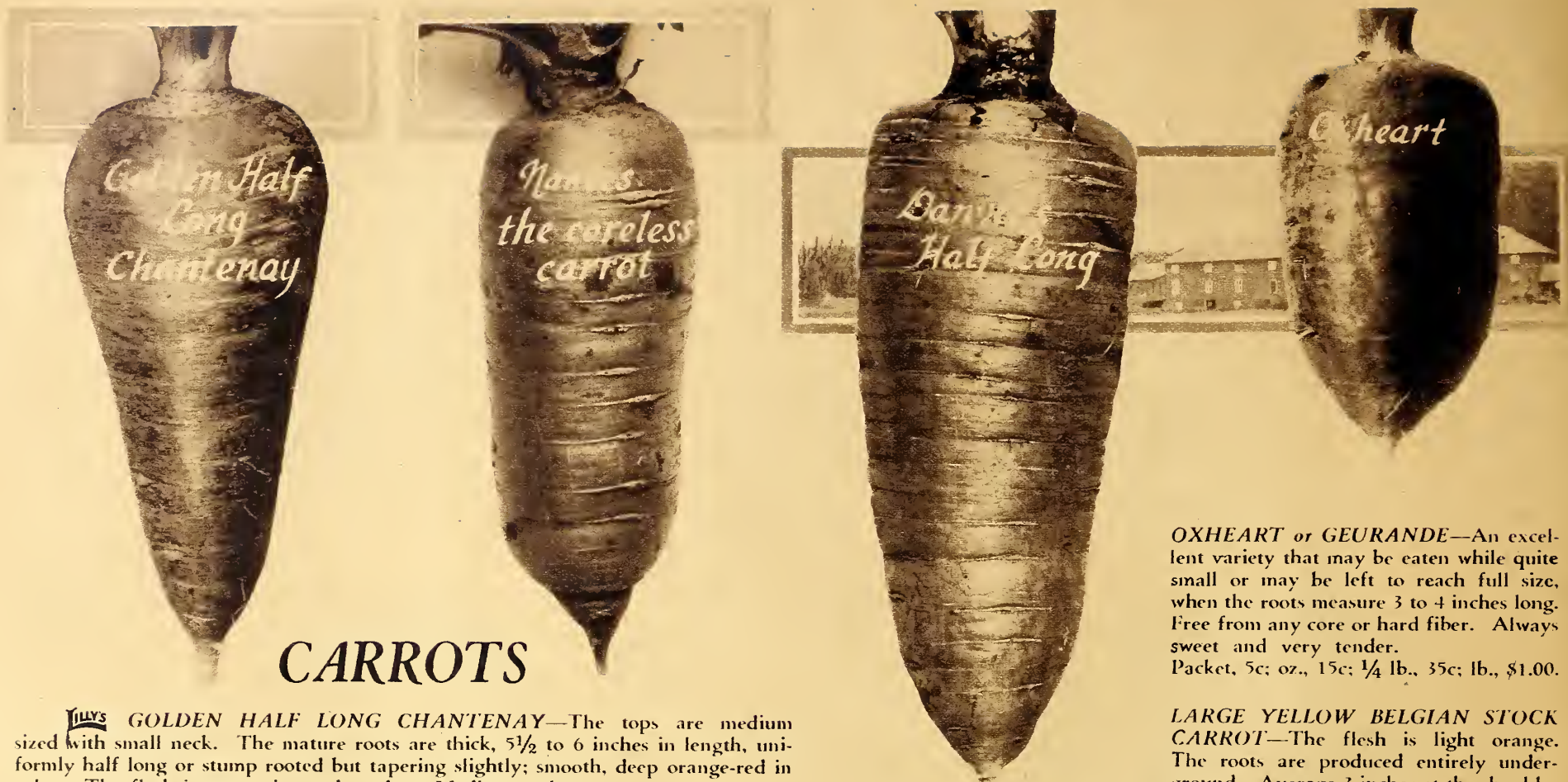
*Golden Acre is a real Cabbage
Grow it this year*



Golden Acre



Early-Jersey Wakefield



CARROTS

JULY'S GOLDEN HALF LONG CHANTENAY—The tops are medium sized with small neck. The mature roots are thick, $5\frac{1}{2}$ to 6 inches in length, uniformly half long or stump rooted but tapering slightly; smooth, deep orange-red in color. The flesh is very crisp and tender. Medium early.

Packet, 5c; oz., 15c; $\frac{1}{4}$ lb., 45c; lb., \$1.10.

NANTES CORELESS—The roots are cylindrical, smooth and of a bright orange color. The flesh is orange, becoming yellow in the center but very tender throughout, almost coreless and of the finest quality. Half grown and cooked fresh from the garden they are certainly delicious. Packet, 5c; oz., 15c; $\frac{1}{4}$ lb., 45c; lb., \$1.10.

DANVERS HALF LONG—A well-known variety of excellent quality for table use. The roots are of uniform size and shape. They measure 6 inches in length and reach a diameter of $1\frac{1}{2}$ to 2 inches near the crown where they are thickest. The flesh is a rich orange with a slightly lighter orange center. Of excellent quality for home use and market. Packet, 5c; oz., 15c; $\frac{1}{4}$ lb., 35c; lb., \$1.00.

OXHEART or GEURANDE—An excellent variety that may be eaten while quite small or may be left to reach full size, when the roots measure 3 to 4 inches long. Free from any core or hard fiber. Always sweet and very tender.

Packet, 5c; oz., 15c; $\frac{1}{4}$ lb., 35c; lb., \$1.00.

LARGE YELLOW BELGIAN STOCK CARROT—The flesh is light orange. The roots are produced entirely underground. Average 3 inches at the shoulder and a foot long. For best results they should be grown on deep fertile soil.

Packet, 5c; oz., 15c; $\frac{1}{4}$ lb., 35c; lb., \$1.00.

CURLED CRESS or PEPPER GRASS

Its leaves have pleasant pungency and may be used freely as a condiment to be served with salads or for garnishing. It can be cut repeatedly.

Pkt., 10c; oz., 15c; $\frac{1}{4}$ lb., 45c; lb., \$1.50.

The specimens reproduced above were allowed to get overripe before being photographed. The picture merely shows comparative size and shape at maturity.



Maggotbate

Made to prevent destructive attacks from Root Maggots on

Broccoli

Brussels Sprouts

Cabbage

Cauliflower

Kale

Kohl Rabi

Leek

Mustard

Onions

Radishes

Rutabagas

Turnips

A dust easy to apply.
economical and effective.

Celery

Paris Golden Yellow Self Blanching is so far ahead of all the other sorts of yellow celery that it should completely replace them. Semi-dwarf in habit of growth, producing large bunches with broad, heavy stalks that blanch into a rich golden yellow, very appetizing in appearance and sweet, tender and crisp with a complete absence of strings, making it decidedly superior for table use. It is both earlier and a stronger grower than the old types.

Packet, 10c; oz., \$1.00; $\frac{1}{4}$ lb., \$3.00; lb., \$10.00.

Silver Plume, the leading white variety. The market growers like it because of its excellent market qualities and vigorous habit of growth. The consumer is sure to be pleased with its crisp, tender and altogether desirable eating qualities. The bunches are large and blanch easily to a uniform white, the foliage is light green. Its delicious nut-like flavor is not excelled by any other white sort.

Packet, 10c; oz., 40c; $\frac{1}{4}$ lb., \$1.20; lb., \$4.00.

CHICORY

Large Rooted—Used principally as a pot herb, a salad plant and as an adulterant of coffee. Succeeds where other root crops thrive and requires practically the same cultural attention.

Packet, 10c; oz., 30c; $\frac{1}{4}$ lb., 90c; lb., \$2.75.

CHIVES or Schnittlauch

An onion-like plant used as a salad and for flavoring soups. It also makes an excellent ornamental garden edging which may be cut frequently, a new growth of leaves appearing soon after each cutting.

Packet, 10c; oz., \$1.00; $\frac{1}{4}$ lb., \$3.00; lb., \$10.00.



No other Vegetable has such sugary **Sweet Corn** cooked when sweetness and delicious flavor as freshly picked

JULY'S Golden Bantam—Very early, hardy, sweet and delicious. The ears are short but thickly set with plump, creamy yellow kernels which turn golden as it ripens. Very popular. Packets, 15c and 20c.

Golden Giant—Produces large ears of very sweet, tender, deep golden corn; the flavor is wonderful and the yield large. Should be grown in every garden. Packet, 15c.

JULY'S Oregon Evergreen—Very popular in the South because its thick husks prevent extensive worm damage. Its earliness, large size, well-filled sweet white grains are all outstanding qualities. Packets, 15c and 20c.
Stowell's Evergreen—An old favorite, late, white variety; ears are large, kernels tender and sugary and remains a long time in condition for table use. Packet, 15c.

Field Corn

Minnesota No. 13—An early maturing, heavy yielding yellow dent corn that is a favorite in all the corn-growing sections west of the Rockies, more of it being grown than all other varieties combined.

JULY'S Pride of the North—An early-maturing, long-kerneled yellow sort that we recommend for any corn district west of the Rockies.

JULY'S Northwestern Red or Smoky Dent
Champion White Pearl—A late white dent, producing large ears and especially adapted to the warmer sections of the West.

—A quick-maturing, red-kerneled corn much grown in the mountainous regions where the seasons are short.

Beard's Yellow Dent is a Minnesota No. 13 type corn having 18 rows of kernels and producing tall stalks, bearing usually two ears each. Our seed is grown in Washington.

CORN
*is best fresh
from the garden*





New York Improved EGG PLANT

New York Improved EGG PLANT
—Very productive; the fruits are large, nearly round, dark purple, free of thorns and of excellent quality.
Pkt., 10c; oz., 80c; $\frac{1}{4}$ lb., \$2.50;
lb., \$8.00.



Broad-leaved Batavian
ENDIVE

JULY'S Long Green CUCUMBER

The fruits are long, firm and crisp; excellent for slicing, or when small they are good for pickling. The vines are sturdy and very productive. The fruits are uniform in size and shape, slender, often a foot long and very dark green. The best variety for sweet pickles.

Pkt., 5c; oz., 20c; $\frac{1}{4}$ lb., 65c; lb., \$2.00.

Improved White Spine CUCUMBER—One of the best sorts for table use, an early vigorous cropper, fruit is covered with fine white spines, flesh of excellent flavor and quality.

Pkt., 5c; oz., 15c; $\frac{1}{4}$ lb., 45c;
lb., \$1.25.



Boston or Chicago Pickling CUCUMBER—A very productive variety; extensively grown for pickles. The fruits are bright green, of medium size, smooth and symmetrical. The flesh is crisp and tender.

Packet, 5c; oz., 15c; $\frac{1}{4}$ lb., 45c; lb., \$1.25.

Lemon CUCUMBER—Shape and color resembles a lemon; has a distinctive flavor and lacks the bitterness common to the cucumber.

Packet, 5c; oz., 20c; $\frac{1}{4}$ lb., 65c; lb., \$2.00.



Long Green CUCUMBER



Boston or Chicago Pickling

Batavian Broad-Leaved ENDIVE—The leaves are broad, twisted and waved, deep green with thick, wide midribs. The inner leaves form a clustering head which blanches to a beautiful creamy white and is crisp and tender.

Packet, 10c; oz., 20c; $\frac{1}{4}$ lb., 50c; lb., \$1.50.

Green Curled ENDIVE—A hardy, vigorous variety, bright deep green leaves usually tinged with rose, blanching to a deep cream color.

Packet, 10c; oz., 20c; $\frac{1}{4}$ lb., 50c; lb., \$1.50.



Growing Cucumbers in a
greenhouse ~ ~ ~

Kale *The Greens of the Epicurean, Gives Variation and Zest to the Menu*



Tall Scotch—Grows 3 feet high, large, plume-like leaves, deeply cut, fine curled edges. The color is attractive bright green. This is a very hardy variety, the flavor of it improves if touched by frost. May be left in the garden all winter long.

Packet, 5c; oz., 15c; ¼ lb., 45c; lb., \$1.50.

Dwarf Green—Vigorous, dwarf spreading habit, large bluish leaves with frilled edges. Hardier than cabbage and grown in quantities in the South during winter months for the northern markets. Has a high cooking quality and is very useful for garnishing.

Packet, 5c; oz., 15c; ¼ lb., 45c; lb., \$1.50.

Thousand Headed—This improved strain shows much branching from the main stalk, abundant leaves and compact, bushy form. The enormously large, cabbage-like leaves are sweet and tender and are relished by poultry and livestock.

Packet, 5c; oz., 15c; ¼ lb., 30c; lb., 90c.



SAGE—Perennial. The most extensively used of all herbs for seasoning. The leaves are used either green or dried. For winter, pick the leaves and dry them in an airy and shady place. Pkt., 10c; oz., 50c.

Herbs *For Endless Culinary Uses* *No Garden Complete Without Them*

ANISE used for cordial, flavoring and garnishing. Annual. Packet, 10c; oz., 25c.

CARAWAY—Seeds are used for flavoring bread, pastry, meats, etc. Annual. Packet, 10c; oz., 25c.

CATNIP or **CATMINT**—Grown for bee pasture. Perennial. Packet, 10c; oz., \$1.00.

HOREHOUND—Perennial used for seasoning. Packet, 10c; oz., 40c.

LAVENDER—An aromatic Perennial medicinal herb. Packet, 10c; oz., 50c.

ROSEMARY—An aromatic Perennial herb. Packet, 10c; oz., 75c.

SUMMER SAVORY—Annual. The leaves and young shoots are used for flavoring. Packet, 10c; oz., 50c.

SWEET BASIL—Annual. The leaves are used for flavoring soups, stews, etc.

Packet, 10c; oz., 30c.

SWEET FENNEL—The leaves are ornamental. Perennial.

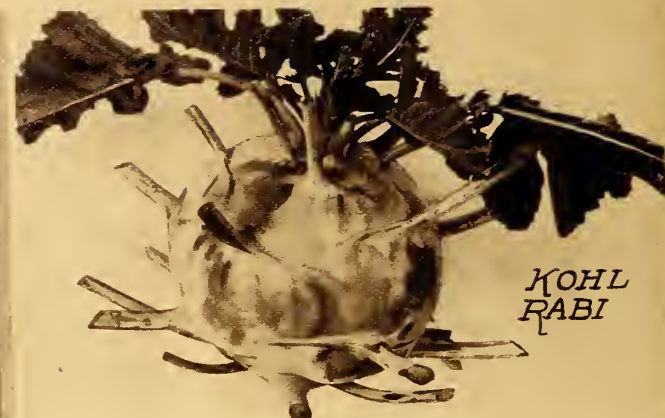
Packet, 10c; oz., 25c.

SWEET MARJORAM—Leaves and ends of shoots are highly esteemed for seasoning. Perennial.

Packet, 10c; oz., 50c.

THYME—Leaves and young shoots are used for seasoning. Perennial.

Packet, 10c; oz., 60c.



Early White Vienna KOHL RABI—Combining somewhat the flavor of turnips and cabbage. Large enough to be used in 10 or 12 weeks from time of sowing. Packet, 10c; oz., 25c; ¼ lb., 75c; lb., \$2.50.



DILL—The seed heads are warming, stimulating and quiet nervousness. The tea is good for colic and prevents hiccough. The stems, leaves and flowers are used largely for pickling with cucumbers. Annual. Packet, 10c; oz., 20c.

Head Lettuce

JULY'S *New York or Los Angeles* (Iceberg type Head)—A crisp, cabbage-heading lettuce, extremely large, sometimes 15 inches in diameter and weighing 2 or 3 pounds. The interior is beautifully blanched, creamy white, crisp, tender and delicious. It matures slowly, first forming a conical head which becomes globular with maturity. It is of excellent quality, very sweet and stands up well. Because of its size, plenty of room must be given between plants. Especially recommended as a standard main crop lettuce. Very popular with market gardeners and is equally good for home use. Grown exclusively by shippers.

Packet, 5c; oz., 25c; $\frac{1}{4}$ lb., 85c; lb., \$2.50.

Hanson—A large, sure header of a clear light green color. Excellent for midsummer planting. Crisp, tender, with a solid, well-blanched heart. The large heads are of attractive appearance. They are almost globular—grow to a fine size.

Packet, 5c; oz., 20c; $\frac{1}{4}$ lb., 60c; lb., \$1.75.

Paris White Cos—A Romaine type of head lettuce. It makes a good, strong growth and the quality is excellent, being crisp, juicy and agreeably snappy. In order to insure tender, well blanched hearts the outer leaves should be gathered up and loosely tied together to exclude the light from the heart. This will blanch thoroughly to a beautiful white.

Packet, 5c; oz., 20c; $\frac{1}{4}$ lb., 50c; lb., \$1.60.



New York or Los Angeles
HEAD LETTUCE
The best Iceberg type

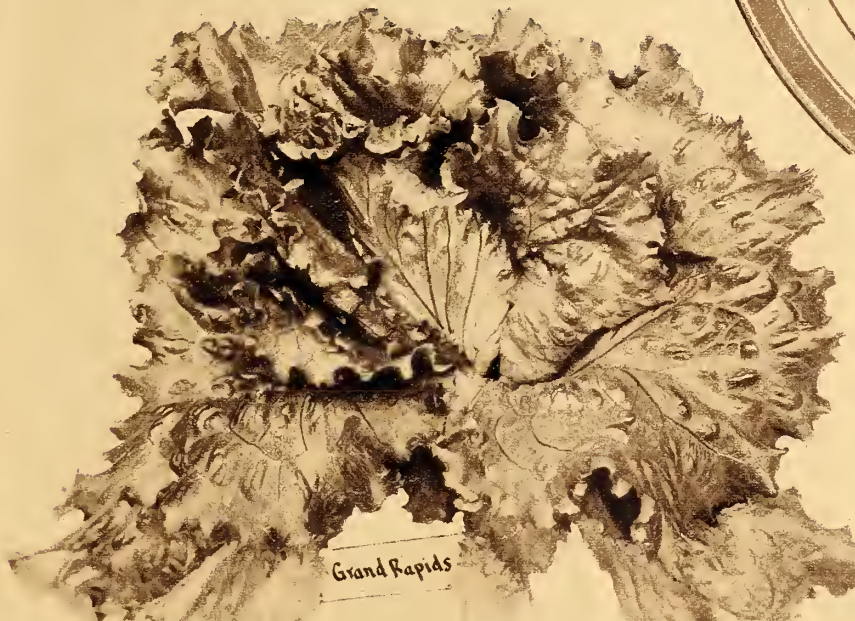
Leaf Lettuce

Price, any variety, packet, 5c; oz., 20c; $\frac{1}{4}$ lb., 55c; lb., \$1.60.

JULY'S *Grand Rapids*—This is a widely known variety which has proved popular for growing an extra-early supply of bunch lettuce in the home garden. An excellent variety for greenhouse forcing to supply the winter markets. The plants make a compact bunch of light green leaves which are attractively fringed on the edges. A tasty, crisp and juicy bunching Lettuce of appetizing appearance.

Early Curled Simpson—This fine non-heading variety is also known as "Silesia or White-Seeded Simpson." Large plants with light green leaves which are well crumpled and fringed at the edges. It forms a compact bunch of crisp, brittle leaves of excellent flavor. Grows quickly and is very hardy. Tender, juicy and of piquant taste. Fine for spring and early summer use.

Early Prizehead—Medium-large plants composed of many curly leaves. The leaves are bright green, shaded with light brown. One of the best home-garden varieties of quick growth and excellent flavor. It is strictly non-heading, but yields a good quantity of juicy leaves.



Grand Rapids **LEAF LETTUCE**

American Flag LEEK

A strong growing variety with large, thick stems, which have a sweet flavor. Packet, 10c; oz., 25c.





Lambert's
Pure Culture

MUSHROOM
Spawn



PARSLEY



Golden Beauty
CASABA

Lambert's Pure Culture Mushroom Spawn—In brick form is produced by a new system of selection and inoculation. A special leaflet on mushroom culture free. Brick, 40c; 5 bricks, \$1.75.

Champion Moss Curled PARSLEY—Compact growing, hardy, vigorous and of excellent flavor. The leaves are very finely cut and so closely crisped or curled as to resemble bunches of moss. Pkt., 10c; oz., 15c; $\frac{1}{4}$ lb., 35c.

Southern Curled MUSTARD—The true curled leaf variety so popular in the South for planting in the fall. The plants make a vigorous upright growth and produce a large quantity of light green leaves. The seed is black. Pkt., 5c; oz., 15c; $\frac{1}{4}$ lb., 30c.

JULY'S Honey Dew—The skin is smooth with an occasional net and when fruits are ripe is creamy yellow in color. Flesh light emerald green; fine grained and of very sweet, sugary flavor. Rind thin but very firm and the fruits stand shipping remarkably well. If picked shortly before fully mature the fruits will keep for several weeks. Packet, 5c; oz., 15c; $\frac{1}{4}$ lb., 45c; lb., \$1.40.

Hale's Best Early—On account of its earliness, size and fine shipping and keeping qualities, this melon has become very popular. It is larger than the Rockyford types; it is thoroughly netted and with attractive, thick, orange flesh. Packet, 5c; oz., 15c; $\frac{1}{4}$ lb., 45c; lb., \$1.40.

Golden Beauty CASABA—The fruits are nearly globular, bright yellow with golden tint, wrinkled skin, 6 to 8 inches in diameter. Pkt., 5c; oz., 15c; $\frac{1}{4}$ lb., 45c; lb., \$1.40.

Muskmelons

Tip-Top—A melon we recommend to every lover of this luscious fruit and to every gardener who grows for the market. It is a yellow-fleshed melon of the very best quality. It is sweet, juicy, of finest flavor, edible to the very rind. A strong grower and heavy yielder. Selected stock. Packet, 5c; oz., 20c; $\frac{1}{4}$ lb., 60c; lb., \$1.75.



Hale's Best

Hearts
of Gold



Hearts of Gold or Hoodoo—The melons are medium in size. Flesh is rich deep orange-scarlet; very fine grained and deliciously sweet.

JULY'S Burrells Gem—Dark green with thin, tough rind; flesh of reddish orange, very thick, fine grained and spicy.

Packet, 5c; oz., 15c; $\frac{1}{4}$ lb., 45c; lb., \$1.40.



Burrells Gem is a good
shipper

Black Seeded

CHILEAN

Chilean Black Seeded WATERMELON—Its earliness and delicious eating qualities make it very desirable. Flesh is a decidedly deep bright vermillion, fine grained, firm and very sweet. Pkt., 5c; oz., 15c; $\frac{1}{4}$ lb., 45c; lb., \$1.20. **Kleckley's Sweet WATERMELON**—An excellent variety for home use, but the rind is too thin to stand shipping long distances. It is of medium size, oval, dark green, slightly mottled and exceedingly sweet. Packet, 5c; oz., 15c; $\frac{1}{4}$ lb., 40c; lb., \$1.00.

KING & QUEEN

The Winter Melon

Lilly's King and Queen WATERMELON—It is very early, prolific and its edible qualities are excellent. Properly stored it will remain edible for several months; it is a splendid shipper. Pkt., 5c; oz., 15c; $\frac{1}{4}$ lb., 45c; lb., \$1.20. **Klondyke WATERMELON**—Although having a very thin rind it is a better shipper because it does not wilt. The flesh is highly colored and of fine quality and flavor. Pkt., 5c; oz., 15c; $\frac{1}{4}$ lb., 45c; lb., \$1.20. **Tom Watson WATERMELON**—The best shipper and main crop melon; flesh rich red, seed white. Pkt., 5c; oz., 15c; $\frac{1}{4}$ lb., 40c; lb., \$1.00.

TOM WATSON

Watermelon

White Queen ONION—Small, best for pickles and green onions, very crisp, waxy white, mild. Pkt., 5c; oz., 35c; $\frac{1}{4}$ lb., \$1.05; lb., \$3.20.

Lilly's Yellow Globe Danver's ONION—Is globular in form, very solid and one of the best shippers. The skin is brownish yellow and the flesh is fine grained. Packet, 5c; oz., 30c; $\frac{1}{4}$ lb., 90c; lb., \$2.60.

Lilly's Onion Sets are Northern grown, hardy, handsome, small and of uniform size and have proven to give best results in this section.

Brown Sets, lb., 15c;
10 lbs., \$1.25.
White Sets, lb., 20c;
10 lbs., \$1.75.

Lilly's White Portugal ONION—A very popular medium white onion, much used for green onions, pickles and for fall and winter planting.

Pkt., 5c; oz., 35c;
 $\frac{1}{4}$ lb., \$1.05; lb., \$3.20. **Sweet Spanish ONION**—Riverside strain, enormously large. Much used for sandwiches. The skin is pale yellow, flesh waxy white and mild. An exceptionally fine shipper.

Packet, 20c; oz., 55c;
 $\frac{1}{4}$ lb., \$1.65; lb., \$5.50

YELLOW GLOBE DANVERS ONIONS

Large Red Wethersfield ONION—Very large, flattened bulb, purplish red skin, purple tinged white flesh. Pkt., 5c; oz., 30c; $\frac{1}{4}$ lb., 90c; lb., \$2.60.

LILLYS Onion Sets



LILLYS Bunching Onions

Lilly's Bunching ONION—A special white sort, fine for early green onions, of vigorous growth and fine mild quality, especially adapted for using while young. Pkt., 5c; oz., 35c; $\frac{1}{4}$ lb., \$1.05; lb., \$3.20.



LILLYS Maggot Bate prevents Root Maggots

Peas

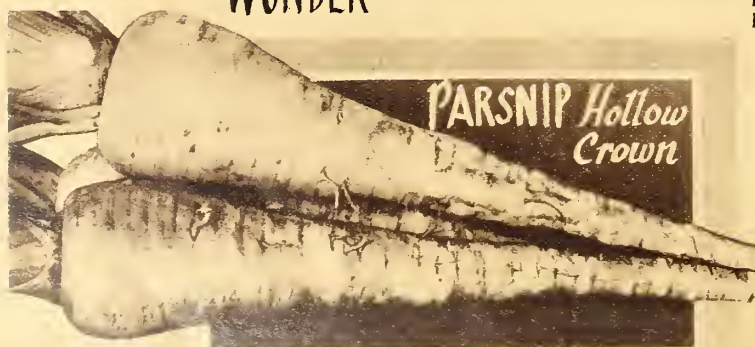


JILLY'S AMERICAN WONDER—Very early and of dwarf, compact growth, about twelve inches high. Very popular with those who object to making a support for the vines. The peas are of medium size, wrinkled and of fine quality. Packet, 15c.

BLUE BANTAM—The dwarf vigorous vines average fifteen inches in height and carry really enormous crops of large, deep bluish-green pods, packed with eight to ten large peas of most luscious flavor. Packets, 15c and 20c.

IMPROVED STRATAGEM—Long dark green pods, produced on branching vines two feet high, matures mid-season; peas are of immense size, and delicious sweetness. Packet, 15c.

JILLY'S GRADUS—The vine is vigorous, robust, heavy stemmed and grows only two and one-half to three feet high. The pods are as large, as sweet, and as tender as the finest late peas. Packets, 15c and 20c.



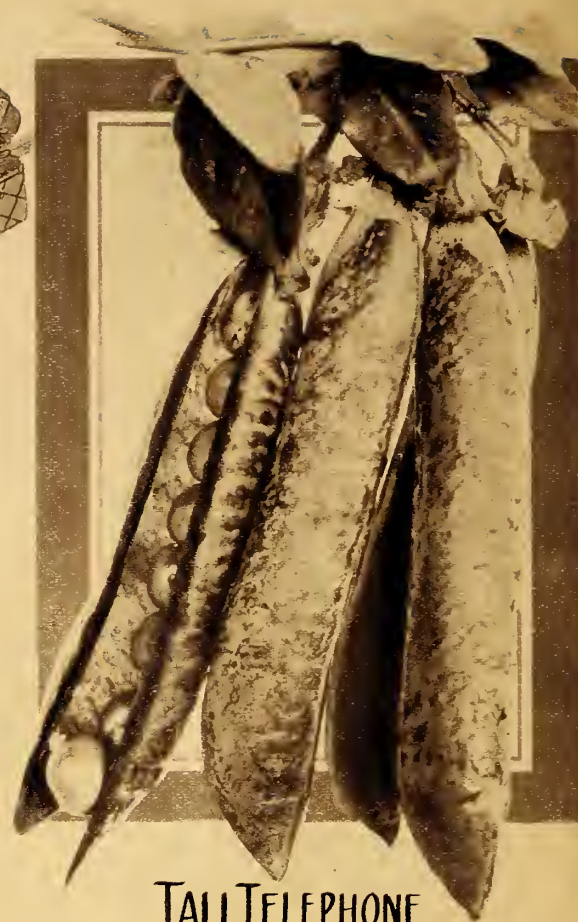
GRADUS *Large and mighty sweet*

JILLY'S DWARF TELEPHONE—An improvement on the old Daisy. Height two and one-half feet, vine and foliage dark green; pods four and one-half inches long, containing eight to nine peas. Packet, 15c.

Parsnip

HOLLOW CROWN—A standard and excellent variety. The roots are long, with smooth, white skin, uniform in shape. The flesh is creamy white, sweet, tender and of an excellent flavor. This variety is distinguishable by the leaves growing from the depression in the crown. Pkt., 5c; oz., 15c; $\frac{1}{4}$ lb., 30c; lb., 90c.

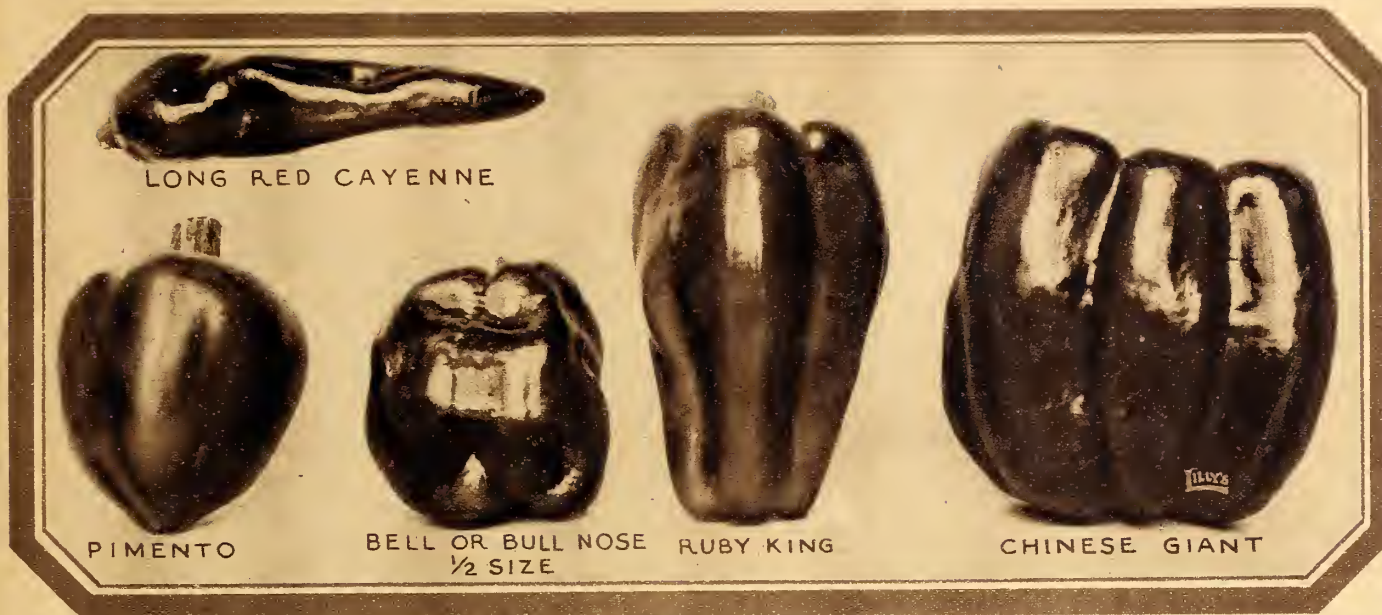
JILLY'S INVICTA—A new sort of intermediate size which does not require such deep soil as the older sorts and is also much easier to harvest. Equal in quality to other parsnips. Pkt., 5c; oz., 15c; $\frac{1}{4}$ lb., 30c; lb., 90c.



TALL TELEPHONE
Western Americas most popular Pea

JILLY'S TALL TELEPHONE—The old standard market gardener's main crop; large-podded pea. Vine and foliage strong and heavy, medium green; grows four to five feet high. Packets, 15c and 20c.





LONG RED CAYENNE

PIMENTO

BELL OR BULL NOSE
1/2 SIZE

RUBY KING

CHINESE GIANT

SEED POTATOES



SEED POTATOES

We are headquarters for high grade seed potatoes and can furnish both Certified and Uncertified seed of all leading varieties during the planting season.

CHINESE GIANT—The fruit grows 4 to 5 inches broad on top and equal length and quite uniform in size; the flesh is unusually thick, mild flavor, glossy scarlet when ripe. Packet, 10c; oz., 95c; 1/4 lb., \$3.00; lb., \$9.50.

PUMPKINS

JULY'S SUGAR or SWEET PIE—We believe this variety to be the best pumpkin for general use; it is late, very prolific, and its thick, sweet flesh is adapted for all purposes. The fruits are round and flat on the ends; the color is a deep orange and the pumpkins have distinct ridges or stripes around them. Pkt., 5c; oz., 15c; 1/4 lb., 35c; lb., \$1.10.

CONNECTICUT FIELD is the standard field variety, producing quantities of large orange colored pumpkins. The fruits average 25 pounds in weight, are round and flat on the ends with a smooth, hard rind. The flesh is adapted for canning, and is very thick, dry and sweet. Pkt., 5c; oz., 15c; 1/4 lb., 35c; lb., \$1.10.

PEPPERS

Prices All Following Varieties

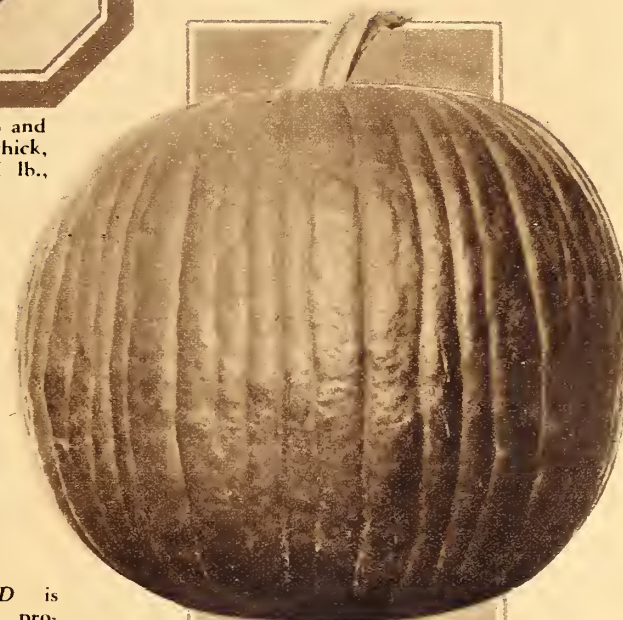
Pkt., 10c; oz., 60c; 1/4 lb., \$1.80; lb., \$6.00.

JULY'S BELL or BULL NOSE—Fruits large, thick, mild, flesh of fine quality, bright crimson. A favorite for stuffing when green.

PIMENTO—Very mild with extremely thick flesh of peculiar delicate flavor, prolific, good shipper. Peppers when ripe are a beautiful scarlet and hold more edible meat than any other sweet variety.

LONG RED CAYENNE—Hot and pungent, slender twisted pods, medium early; bright red when ripe.

RUBY KING—The peppers are a bright ruby red and are among the best sort for pickles. Quite sharp in flavor but mild, the flesh is thick, crisp and tender.



Sugar or Pie
PUMPKIN



SPARKLER
the earliest of all

WHITE ICICLE



*French
Breakfast*

Radishes

Any variety. Pkt., 5c; oz., 15c; $\frac{1}{4}$ lb., 35c; lb., \$1.00.

JULY'S SPARKLER—The Earliest of All, a very superior extra early turnip-shaped radish, equally good for forcing or early outdoor culture. It is small, very uniform, round and the color is bright scarlet with an attractive white tip and a very small tap root. The flesh is sparkling white, mild, crisp and tender.

EARLY SCARLET GLOBE—Attractive bright scarlet round radishes of superb quality. Extensively grown for both home and market. Crisp and tasty, pure white flesh.

EARLY FRENCH BREAKFAST—Bright rose-scarlet, shading to clear white in the lower portion. The flesh is white, firm and crisp, juicy, mildly pungent and tender. An excellent olive-shaped variety. Does well under glass.

LONG BRIGHT SCARLET—It is of a bright red color with white tip. Noted for its crisp, tender flesh and good appearance. It is smooth and uniform and highly colored.

JULY'S WHITE ICICLE—It is ready for use nearly as early as the early turnip-shaped varieties and remains in good condition longer than any other early variety. The tops are very small and the roots are long, slender, pure white and very attractive. The flesh is crisp, tender, sweet and delicious.

CHINA ROSE WINTER—Of medium size, 4 to 5 inches long. Skin deep rose. Flesh pure white firm and compact. Free from any hard fiber or strings. Easily stored for winter.

JULY'S MAG-GOTBATE, a dependable preventative of Root Maggots on Radish and Rutabaga. Dust it on at planting time.

Rhubarb

VICTORIA MAMMOTH—Healthy plants easily started from seed. They are vigorous and very productive of thick, red stalks of fine quality, juicy and tart. Pkt., 10c; oz., 25c; $\frac{1}{4}$ lb., 75c; lb \$2.50.

RUTABAGA

JULY'S KING OF SWEDES—A fine strain of large size, purple top, with small neck, and smooth skin. Excellent table quality and good winter feed for farm stock. Pkt., 5c; oz., 15c; $\frac{1}{4}$ lb., 25c; lb., 75c.



*Victoria
Mammoth*
RHUBARB



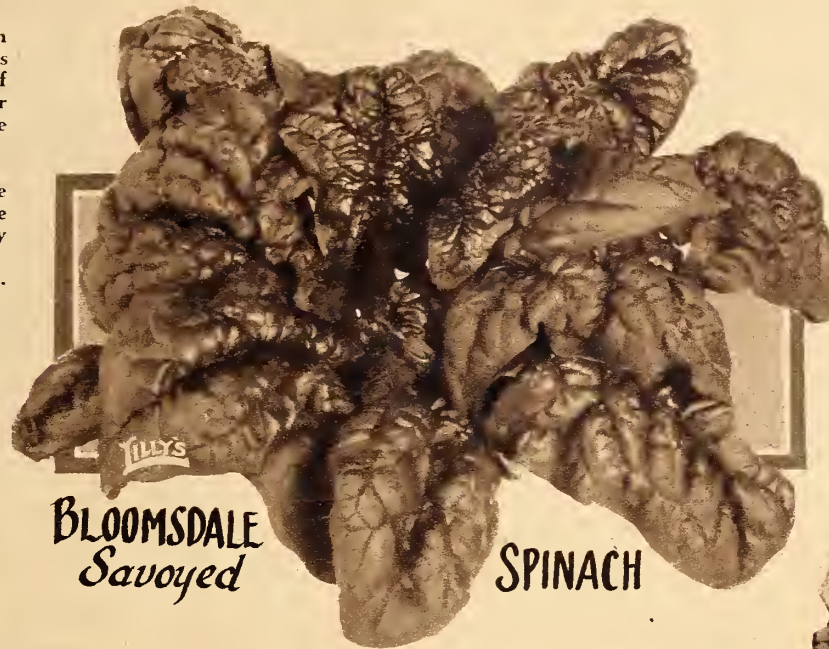
RUTA BAGA

SALSIFY or Vegetable Oyster is grown largely for fall and winter use and is highly esteemed for the fine flavor of the roots. The popular name, Oyster Plant, has been given to Salsify because the roots have an oyster-like flavor.

Mammoth Sandwich Island—This is the most popular variety, growing twice the size of any other. Mild and delicately flavored.

Pkt., 10c; oz., 30c; $\frac{1}{4}$ lb., 90c; lb., \$2.75.

SALSIFY or Vegetable-Oyster



**BLOOMSDALE
Savoyed**

SPINACH

Mammoth Victoria—An early, long standing, widely known sort with broad dark green leaves slightly crumpled and rather pointed. A heavy producer with excellent flavor.

Jilly's Bloomsdale Savoy Leaved—Quick maturing, blight resistant and very hardy. It is grown on a large scale by market gardeners and for canners. The leaves are thick and much crumpled or savoyed. **Thick Leaved Improved** is a Viroflay type with arrow-head shaped leaves which are very large, dark green and only slightly crumpled. A favorite market sort.

Prickly Seeded Winter is the hardest variety and is much used for fall and winter planting. Very productive of wide pointed leaves and is very slow to go to seed.

Price, any variety, packet, 5c; oz., 15c; $\frac{1}{4}$ lb., 25c; lb., 60c.



SWISS CHARD replaces Spinach during the hot summer period and is grown much in the same way as Beets.

Jilly's Lucullus is strong growing type with extra large, thick, heavily-crumpled leaves. The stalks are as thick and broad as rhubarb. The plants grow to a height of from 2 to 2½ feet, and the stalks are from 10 to 12 inches long below the leaf and 1½ inches broad. These stalks are delicious when cooked and should be served in the same manner as Asparagus. The leaf portion is heavily crumpled or savoyed and is very crisp and tender. It is cooked and served in the same manner as spinach.

Packet, 5c; oz., 15c; $\frac{1}{4}$ lb., 35c; lb., \$1.00.



Lucullus

SWISS CHARD



Squash

Lilly's Dollar Squash or White Bush Scallop—So called because they can be picked very small (about the size of a silver dollar) and served like marrow or pickled, being very delicious. It reaches maturity quickly, retaining its Patty Pan shape and fine flavor. The ripe fruits are about 8 inches in diameter.
Pkt., 5c; oz., 15c; ¼ lb., 45c; lb., \$1.30.



Early Summer Crookneck—The skin and flesh are a rich golden yellow color. The fruits are of the true crookneck form and are densely warted. Very productive and fine flavored.
Packet, 5c; oz., 15c; ¼ lb., 45c; lb., \$1.30.



Green Hubbard

Lilly's Select Hubbard represents the perfection of the type. It is the choicest type of Hubbard grown. The flesh is of a rich yellow or orange color, and is very fine grained, solid, dry and sweet. The toughness of the dark olive green rind or shell makes the squash a good winter keeper.
Packet, 5c; oz., 15c; ¼ lb., 50c; lb., \$1.50.



Table Queen or Acorn—Small dark green fruits with sharply ridged or scalloped sides and a very agreeable flavor. Fine for baking and pies.

Packet, 5c; oz., 15c; ¼ lb., 50c; lb., \$1.50.

Banana Squash—A most delicious sort for Table use or Pies; grows 2 to 3 feet long. The tough shell is a grayish green in color. The beautiful orange-yellow flesh is firm and solid, free from fiber or stringiness; cooks smooth and of delicious flavor, excellent for pies, etc. Vines are very productive.

Packet, 5c; oz., 15c; ¼ lb., 50c; lb., \$1.50.



English Vegetable Marrow—Oblong, creamy-white fruits, used when young either boiled or fried like egg plant.

Packet, 5c; oz., 15c; ¼ lb., 50c; lb., \$1.50.

Lilly's Boston Marrow—The shape and size is somewhat similar to Improved Hubbard. The skin is lemon in color; the vines are extremely productive; it is widely used for canning purposes; its keeping qualities are excellent. We can recommend the Boston Marrow as being a superior type of winter squash, and it is in very general use.

Packet, 5c; oz., 15c; ¼ lb., 45c; lb., \$1.30.



Golden Husk or Ground Cherry

Golden Husk TOMATO is also called Ground Cherry and Strawberry Tomato. The small, sweet-yellow fruits are each enclosed in a paper-like husk. They are about the size of a cherry. Fine for preserves. Yields a heavy crop of sweet fruits throughout the entire season until frost.
Packet, 10c; oz., 90c; ¼ lb., \$3.00; lb., \$9.00.



*Puget
Sound
Special
Earliana*

Tomatoes

Lilly's Puget Sound Special Earliana—Most dependable, heavy cropping early sort, smooth medium sized fruits, flesh solid, meaty, coreless and rich red colored.

Packet, 10c; oz., 40c; $\frac{1}{4}$ lb., \$1.35; lb., \$4.00.

John Baer—Early, very productive, bright red fruits that are round, smooth and solid.

Packet, 10c; oz., 40c; $\frac{1}{4}$ lb., \$1.35; lb., \$4.00.

Chalk's Early Jewel—Exceptionally fine, early, uniform, round, smooth scarlet fruits.

Packet, 10c; oz., 40c; $\frac{1}{4}$ lb., \$1.35; lb., \$4.00.

Marglobe—Beautiful color, large and round. Both rust and wilt resistant. Developed by the U. S. Dept. of Agriculture and universally popular.

Packet, 10c; oz., 60c; $\frac{1}{4}$ lb., \$2.00; lb., \$6.00.

Dwarf Champion—Dwarf, compact habit, early, vigorous and productive, medium size purplish-pink fruits of unusual smoothness.

Packet, 10c; oz., 60c; $\frac{1}{4}$ lb., \$2.00; lb., \$6.00.



*Lilly's
Purple top Strapleaf
TURNIP*

Turnips

Yellow-Fleshed Sorts

Lilly's Petrowski or Alaska—This is a very early maturing turnip of excellent quality. The flat roots are smooth and of a rich orange-yellow color. The flesh is a beautiful light orange. It is particularly sweet, fine grained and extremely tender.

Packet, 5c; oz., 15c; $\frac{1}{4}$ lb., 30c; lb., 75c.

Yellow Aberdeen—A turnip of high merit. The flesh is yellow, tender, sugary and very solid. In color the turnip is purple above and deep yellow below.

Packet, 5c; oz., 15c; $\frac{1}{4}$ lb., 30c; lb., 75c.

White-Fleshed Sorts

Lilly's Snowball—A very quick growing globe-shaped Turnip. The roots have a smooth white skin, the flesh is white, crisp and sweet.

Packet, 5c; oz., 20c; $\frac{1}{4}$ lb., 50c; lb., \$1.50.

Purple Top Strap-Leaved—A table variety, fine, tender and deliciously flavored. It is broad, flat shaped, medium size, white flesh, fine grained, splendid quality. Top is dark red or purple, elsewhere white; has few leaves, upright in growth. Pkt., 5c; oz., 15c; $\frac{1}{4}$ lb., 30c; lb., 75c.

Purple Top White Globe—Originated from "Purple Top Flat Turnip," is extensively planted and popular for its fine qualities. The flesh is firm, fine grained, sweet and rich flavored; it is of good size, globe-shaped, fine appearance; a good producer and fine keeper. Splendid for table—tip-top for stock.

Pkt., 5c; oz., 15c; $\frac{1}{4}$ lb., 30c; lb., 75c.



*Petrowski
ALASKA TURNIP*



Tobacco

Improved Connecticut Seed Leaf

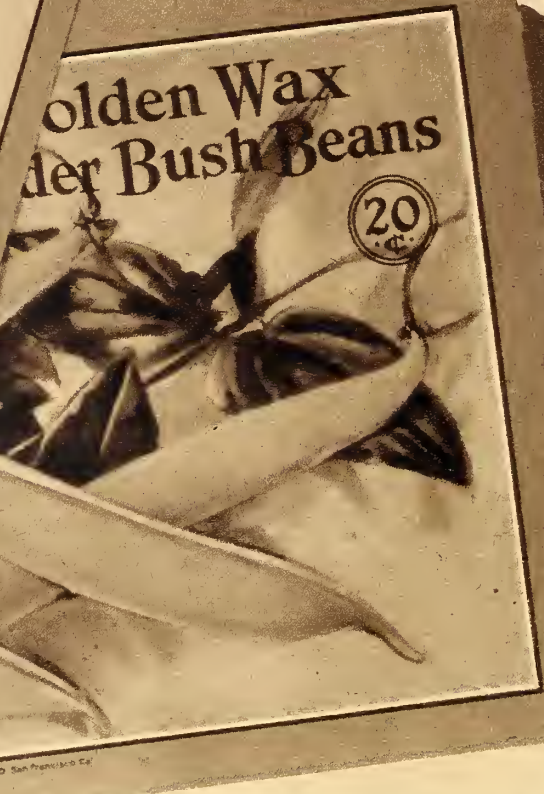
—This improved strain has an attractive leaf of choice texture and delightful flavor. It ripens uniformly and is considered a very desirable variety for cigars. A favorite with many cigar manufacturers and growers. Packet, 10c; $\frac{1}{4}$ oz., 25c; oz., 75c; $\frac{1}{4}$ lb., \$2.50.

TOBACCO
*Connecticut-
Seed-Leaf.*

Here is a list of
**GLORIA
PACKETS**
BEANS
Kentucky Wonder.
Burpee's Stringless.
Golden Wax.
CORN
Golden Bantam.
Oregon
Evergreen.
PEAS
Blue
Bantam.
Telephone.
Gradus.

These sorts are offered in **Duco Packets**

- Blood Red Beet—Golden
- Acre Cabbage—Coreless
- Carrot—White Spine Cu-
- cumber — 1000 - Headed
- Kale—Chicken Lettuce—
- Grand Rapids Leaf Let-
- tuce—Iceberg Type Head
- Lettuce—Hearts of Gold
- Muskmelon—Klondyke
- Watermelon—Yellow Globe
- Onion—Invicta Parsnip—
- Sugar Pie Pumpkin—Sparkler
- Radish—White Icicle Radish—
- Sweet Table Rutabaga—Lucullus
- Swiss Chard—Savoyed Spinach—
- Hubbard Squash—Earliana Tomato
- Sweet Cooking Turnip.



We want to call your attention to something New in Packet Seeds **JILLY'S DUCO PACKETS** mammoth in size and comprising the best variety of each popular vegetable and fine flower mixtures. **DUCO PACKETS** contain in most cases an Ounce of seed and all sell at 15¢ each. They are very nicely lithographed in colors and varnished. **JILLY'S GLORIA PACKETS** of Peas, Beans and Corn. A special improved strain of the best varieties of seed packed in handsomely lithographed envelopes and then wrapped in **CELLOPHANE** for double protection. **GLORIA PACKETS** contain a generous quantity of seed and sell at the economical price of 20¢ each.

Packets reproduced here about 3/4 actual size.

Perhaps We Can Assist You—

May we help you in planning your Garden, designing your Pool, planting your Rockery, selecting your Shrubbery and Perennials, making your Lawn, or choosing your Garden Furniture, Bird Houses, etc.

We want to be of just as much service to you as possible in every phase of your gardening activity. We consider it our civic duty to do everything we can to make this city and its surroundings as beautiful and attractive as possible and are glad whenever the opportunity presents itself to render a service in this connection. No obligation is incurred for consultation.



Making one's home attractive by beautifying its surroundings not only makes it pleasing to the owner and his family, but it increases the selling value and often supplies the stimulus necessary to community effort along the same line, which naturally attracts the better class of people to one's own neighborhood and forbids the district to those who are willing to live or exist in unkempt quarters.





FLOWER SEEDS

No. 1170. *ABRONIA* or *Sand Verbena* is a rapid growing, trailing annual. Grows 3 to 5 feet, blooms in clusters. Delights in poor soil and sunny places. Packet, mixed colors, 10c; $\frac{1}{4}$ oz., 50c.

No. 1137. *ACROCLINIUM*, an annual Everlasting, bearing double daisy-like flowers on stems 12 to 15 inches tall. Colors are pink and white with golden centers. Packet, mixed colors, 10c; $\frac{1}{4}$ oz., 25c.

No. 1171. *ADONIS* or *Pheasant's Eye* has lacy, finely cut ornamental foliage and bears bright colored flowers resembling Buttercups. Blooms earlier than most annuals. Packet, mixed colors, 10c; $\frac{1}{4}$ oz., 25c.



No. 1236. *African Golden DAISY*, a brilliant colored annual, 12 to 18 inches tall that blooms from early summer until frost. Glossy, orange-gold colored petals with black zone at base of petals. Packet, 10c; $\frac{1}{4}$ oz., 45c.

AGERATUM, or *Floss Flower*, is a rapid growing, constant blooming annual which is completely covered with a sheet of bloom from early summer until frost. The faded flowers should be kept picked otherwise the plants will stop blooming and the clear blue effect will be marred. Light soil and sunny position are preferred.

No. 439. *Little Dorrit AGERATUM* is a clear azure blue, 6 to 10 inches high. Packet, 10c; $\frac{1}{4}$ oz., 25c.

No. 101. *Mixed AGERATUM* grows 6 to 12 inches high. The colors comprise white and the various shades of blue. Packet, 10c; $\frac{1}{4}$ oz., 30c.





ANCHUSA or
Alkanet

No. 1207. *ANCHUSA Capensis*, also known as Summer Forget-me-not, is a hardy annual growing 12 to 24 inches tall, branches freely and produces quantities of lovely sprays of large Forget-me-not blue flowers throughout the summer.

Packet 10c; $\frac{1}{4}$ oz. 35c.



ANEMONE or
Wind flower

No. 1174. *ANEMONE Coronaria* is an attractive perennial blooming during May and June.

Especially fine for table bouquets. Height 6 to 10 inches, flowers are large and unusually bright colored.

Packet, mixed colors, 10c; $\frac{1}{4}$ oz. 35c



ANGEL'S TRUMPET or
Datura

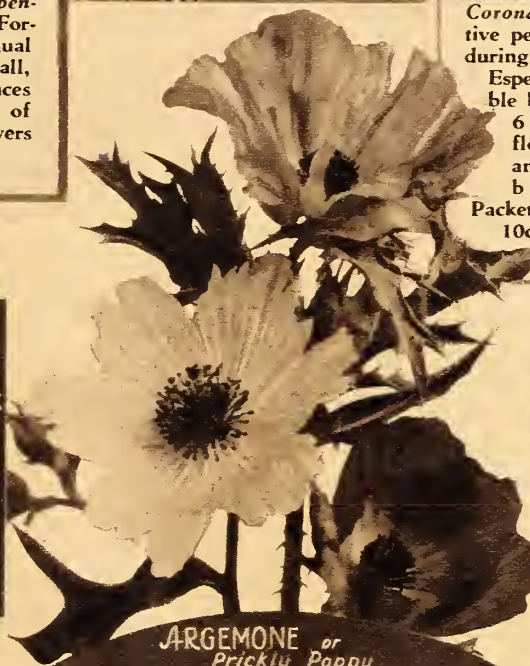
No. 1178. *ANGEL'S TRUMPET* produces large trumpet-shaped flowers in white, pink, yellow and purple shades with a sweet, heavy fragrance. They are rank growing hardy annuals and should be planted 2 to 3 feet apart. Packet, mixed colors, 10c; $\frac{1}{4}$ oz., 25c.



ARCTOTIS or *Blue Eyed*
African Daisy

No. 1136. *ARCTOTIS Grandis* produces a bushy plant with gray-green foliage and daisy-like flowers on long stems. The inside of the petals are pure white and are separated from the blue center by a gold band. Half hardy Annual.

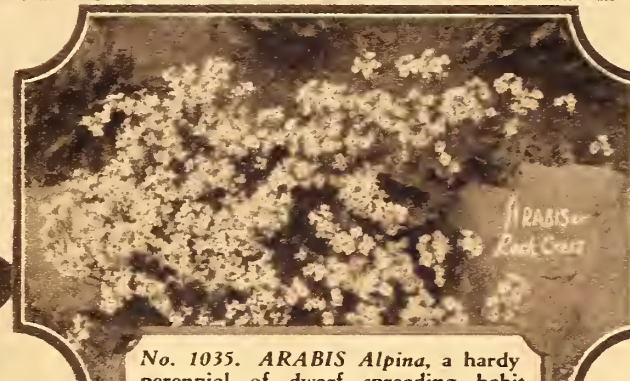
Packet 10c; $\frac{1}{4}$ oz. 35c.



ARGEMONE or
Prickly Poppy

No. 1175. *ARGEMONE Hybrida Grandiflora* with its prickly white veined leaves and its large white and yellow poppy-like flowers is indeed unusual. Blooms from July to November.

Packet, mixed colors, 10c; $\frac{1}{4}$ oz. 50c.



ARABIS or
Rock Cress

No. 1035. *ARABIS Alpina*, a hardy perennial of dwarf spreading habit that produces sheets of snow white flowers very early in the spring and is much used in rockeries. Combines nicely with Golden Alyssum Saxatile.

Packet, 10c; $\frac{1}{4}$ oz., 25c.

LILLY'S Dazzler Collection

CREGO'S GIANT ASTERS

To supply the demand from Aster lovers who like to grow the colors separately we offer this special collection which will produce a wonderful effect and supply all the distinct aster colors in great profusion. A regular 10c packet of each of the following colors:

WHITE, fully double, large, free from yellow centers.

PINK, large, graceful and fluffy, a lovely shell-pink.

CRIMSON, an unusually striking, brilliant crimson shade.

LAVENDER, a pleasing silvery lavender, blends well with white.

AZURE BLUE, a deep sky-blue with a suffusion of pink.

PURPLE, a rich deep color, contrasts nicely with lighter colors.

A 15c packet of MORCROP Fertilizer Tablets completes the collection which sells at the low price of 50c.

Sunshine Asters

A most charming novelty that has won instant popularity. The blooms all have cushion centers of tiny quills contrasting in color to the single row of broad outside petals. Their delicate beauty is difficult to describe. The colors are white, flesh, pink, rose, blue, lilac and purple.

No. 1208. Packet mixed colors 10c.

Single Asters

Very artistic in appearance and extensively grown for cut flowers. Their long stems and large, showy blossoms which are produced in great profusion, make their increasing popularity fully justified. The colors run the full range of Aster shades.

No. 1209. Packet mixed colors, 10c.



Crego
GIANT ASTOR

Crego's Giant ASTERS are considered the finest and largest of all Comet type Asters. The flowers are of immense size and are borne on stems 12 to 18 inches in length. The petals are very charmingly curled and twisted into an immense fluffy flower often five inches in diameter, not unlike and as fine as any Chrysanthemum. We offer them mixed and in straight colors at 10c per packet. ¼ Oz. 50c.

No. 1079 Mixed Colors, nicely proportioned as to color and selected from the best only.

No. 1012 White

No. 1036 Crimson

No. 1077 Azure Blue

No. 1013 Pink

No. 1037 Lavender

No. 1078 Purple



*Sunshine Asters and Single Asters
used together.*



No. 925. **BABY'S BREATH** Snowflake—An improved large-flowering hardy annual variety, pictured above, producing graceful sprays of pure white blossoms. Grows about two feet high.

Packet, 10c; $\frac{1}{4}$ oz., 20c; oz., 50c; $\frac{1}{4}$ lb., \$1.25.



No. 225. **BATCHELOR'S BUTTON**—The old-fashioned Cornflower, Ragged Sailor or Bluebottle. They are well-known to every flower lover and always included in old-fashioned gardens. Mixed colors. Packet, 10c; $\frac{1}{4}$ oz., 25c.

No. 1153. **BLACK-EYED SUSAN**—A very beautiful rapid growing annual climbing vine with attractive green foliage; used extensively for window boxes, hanging baskets and for covering low trellises and fences. Mixed colors.

Packet, 10c; $\frac{1}{4}$ oz., 50c.

BROWALLIA

A profuse blooming graceful annual having star-shaped blue or white flowers. Excellent for hanging baskets, window boxes and for garden borders. Blooms during the summer and fall. Packet, 10c; $\frac{1}{4}$ oz., 45c.



No. 1184. **BLUE LACE FLOWER**—The flower heads are made up of small azure blue flowers produced in umbels like those of the Wild Carrot, carried on stems 2 feet long and borne in profusion from June to September. Excellent for garden display or cutting. Packet, 10c; $\frac{1}{4}$ oz., 50c.



No. 1210. **BRACHY-COME** or Swan River Daisy is dwarf in its habit of growth and is covered with blue or white daisy-like flowers all summer. Annual. Packet, 10c; $\frac{1}{4}$ oz., 50c.





No. 1176. *CACALIA* is a unique annual flower. Tassel-like in shape and brilliant orange or deep scarlet in color on long stems; it blends beautifully into bouquets and lends color and grace to the garden. 18 inches high. Packet, orange and scarlet mixed, 10c; $\frac{1}{4}$ oz., 50c.

No. 1200. *Orange King CALEN-DULA*—An extra fine strain of this splendid double rich orange-red variety.

No. 1212. *Lemon Queen CALEN-DULA*—Identical in every way to the above except in color, which is a rich lemon-yellow.

Either color pkt., 10c; $\frac{1}{2}$ oz. 30c.



CALENDULA or Pot Marigold



No. 116. *CALLIOPSIS*—A quick-growing, profuse-blooming annual of the easiest culture. Graceful in the garden and fine for cutting; blooms from mid-summer until frost. Colors range among the browns and yellows with stripes and spots. Height 12 to 24 inches. Pkt., mixed colors, 10c; $\frac{1}{2}$ oz., 25c.

No. 148. *CANARY BIRD VINE*, closely related to the Nasturtium family, is a rapid annual climber with clear canary-yellow blossoms which somewhat resemble a bird with wings extended. Thrives in the shade.

Packet, 10c;
 $\frac{1}{2}$ oz., 25c.



CANDYTUFTS are most attractive for borders and cut flowers and bloom most profusely in cool weather. Height 12 inches. Annuals.

No. 39. *White Rocket CANDY-TUFT* has large hyacinth-like spikes of pure white flowers. Packet, 10c; $\frac{1}{2}$ oz., 25c.

No. 1144. *CANDYTUFT Umbellata* Packet, mixed colors, 10c; $\frac{1}{2}$ oz., 35c.



TOBACCO SOAP SPRAY



CANTERBURY BELLS (*Campanula*)—These fine old plants are rich in color, profuse in bloom and of easy culture. For outdoor effects, when planted in quantity, they are glorious. They are biennials and bloom the second year from seed, growing about 3 feet high.

No. 15. *Single CANTERBURY BELLS*—Mixed colors. Packet, 10c; oz., 25c.

No. 157. *Cup and Saucer CANTERBURY BELLS*—Mixed. Packet, 10c; oz., 45c.

No. 1127. **CARDINAL CLIMBERS**—A vine of great charm because of its fiery, cardinal-red Morning-Glory like flowers. The leaves are deeply lacinated, resembling those of Japanese Maple. Height 20 to 30 feet. Packet, 10c; $\frac{1}{8}$ oz., 45c.

CARDINAL CLIMBER



Cup and Saucer Type

No. 140. **CASTOR BEAN**—A tall, majestic foliage plant with bronzed metallic hue. Grown singly it forms a picturesque pyramid and makes a truly tropical picture. Height 6 to 15 feet. Packet, 10c; oz., 25c.

No. 16. **DOUBLE CARNATIONS** grow 12 to 20 inches high and produce long-stemmed, fully double flowers in white, pink, rose, salmon, red, scarlet and maroon shades. They are perennial but bloom the first year if started early. Packet, 10c; $\frac{1}{4}$ oz., 40c.

CELOSIA PLUMOSA

An odd and picturesque decorative plant for the garden. They are a species of Cockscomb and the plume-like flowers can be cut and dried for winter bouquets.

No. 119. Mixed colors. Pkt., 10c; $\frac{1}{4}$ oz., 45c.



CARNATION or Double Dianthus



CASTOR BEAN or Ricinus



Chinese Woolflower

No. 1237. *Celosia Childsii*—A unique type of plumed Cockscomb forming, instead of pyramidal panicles, large globular heads like balls of wool chenille. Height 2 to 3 feet; color, bright red. Blooms all summer. Packet, 10c.

No. 1214. Chinese *FORGET-ME-NOT* is a lovely annual border plant, 18 inches tall, producing sprays of bright Forget-me-not-like blue flowers, sweetly scented. Blooms June to September. Packet, 10c.



CELOSIA CRISTATA

Cockscomb

CHRYSANTHEMUM

Hardy Annual



No. 1058. Single Annual *CHRYSAN-
THEMUMS* bloom from June to Sep-
tember. The color combinations are at-
tractive and the stems long and stiff.
Packet, mixed colors, 10c; $\frac{1}{4}$ oz., 25c.

No. 1128. *CLARKIA*—A pretty hardy
annual, native of the Pacific Coast. They
bear bright rose, purple and white
flowers in profusion on long grace-
ful sprays. Packet, mixed colors,
10c; $\frac{1}{4}$ oz., 25c.

No. 17. *COCKSCOMB*—An annu-
al forming a large flower head or
comb having a velvety appearance
and a strawy touch. Fine for cut-
ting. Packet, mixed colors, 10c;
 $\frac{1}{4}$ oz., 35c.

No. 177. *COLUMBINE*—Hardy
perennial, the flowers are exquisitely
formed. Very desirable for borders or
for groups among shrubbery; excellent
for rock gardens. Height 2 to 3 feet.
Packet, mixed colors, 10c; $\frac{1}{4}$ oz., 50c.



CLARKIA

Rocky Mountain Gard and Flower



AQUILEGIA
Columbine



Cosmos
-early
flowering

COSMOS, a very attractive annual symmetrical plant, 3 to 5 feet high. No. 282. Mixed colors.

Packet, 10c; $\frac{1}{4}$ oz., 30c.

No. 1032. White.

No. 1033. Pink.

No. 1034. Red.

Packet, 10c; $\frac{1}{4}$ oz., 35c.

No. 1168. Orange.

Packet, 10c; $\frac{1}{4}$ oz., 50c.



*Cup and Saucer
Vine*

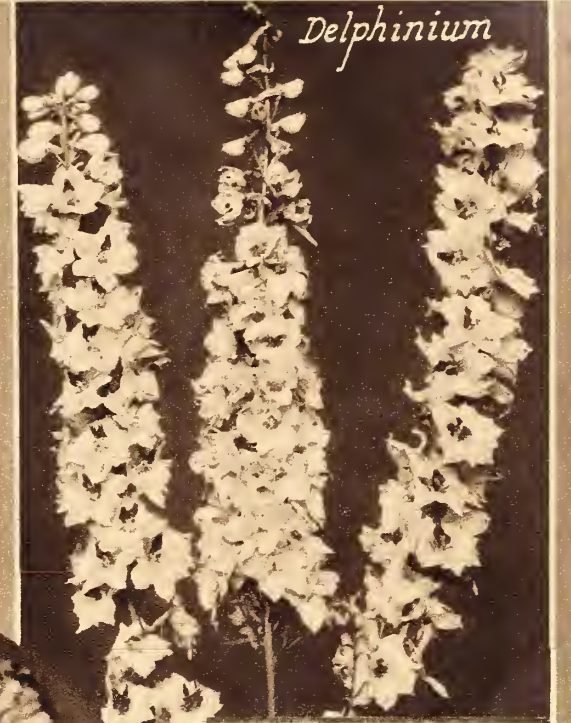
No. 120. **CUP and SAUCER VINE** or *Cobaea Scandens*, also called Cathedral Bells, is a pleasing rapid growing annual climber with dark green foliage of refined character. The large bell-shaped flowers are a clear green when they first open but change to a rosy purple.

Packet, 10c; $\frac{1}{4}$ oz., 25c.

No. 1185. **CYPRESS VINE** or *Ipomoea Quamoclit* is one of our daintiest annual climbers, having dense fern-like foliage which is thickly spotted with small star-like bright flowers of scarlet and white. Packet, mixed colors, 10c; $\frac{1}{4}$ oz., 25c.

No. 1203. **Dahlias** are especially interesting when grown from seed. They bloom freely the first season and the tubers or bulbs can be saved over for future years. Many desirable new varieties are secured in this manner. Packet, mixed colors and kinds, 10c; $\frac{1}{4}$ oz., 50c.

Dahlias
grown from seed



Delphinium

No. 1057. **DELPHINIUM** or Perennial Larkspur are, perhaps, the most popular tall growing perennial flower on the Pacific Coast. The stately plants grow 5 to 8 feet high and the flowering spikes become more numerous each year. We offer a wonderful mixture of colors. Packet, mixed colors, 10c; $\frac{1}{8}$ oz., 75c.



Cypress Vine
-on a garden wall





No. 13. English Double Daisy (Bellis)—A favorite perennial for edgings, borders and rock work. Mixed colors. Packet, 10c; $\frac{1}{8}$ oz., 45c.

No. 1054. Forget-Me-Not, Palustris—True Forget-Me-Not. A hardy perennial of strong, sturdy growth. Packet, 10c; $\frac{1}{8}$ oz., 75c.



No. 51. FOUR O'CLOCK, also called *Marvel of Peru*. The flowers are shaped like a Morning Glory and open only late in the afternoon and on cloudy days. Mixed colors.

Packet, 10c; $\frac{1}{2}$ oz., 20c.

No. 1242. EVERLASTINGS is a special mixture of Annual Everlasting that are splendid for drying for Winter Bouquets. Contains mixed colors of *Acroclium*, *Gomphrena*, *Rhodanthe*, *Strawflower* and *Xeranthemum*. An extra large packet for 15c.

No. 1244. Fall Flowering Annuals. Mixed—For sowing in out-of-the-way places one wishes to beautify, this mixture cannot be excelled. Most of the flowers are suitable for cutting. A fine source of mixed bouquets for table decoration.

A big packet for 15c.

No. 1146. FLOWERING TOBACCO —The evening fragrance of *Nicotiana* is most delightful; the flowers are attractive in form and color and are borne in great profusion on long stems. Mixed colors.

Packet, 10c; $\frac{1}{4}$ oz., 25c.





FOXGLOVE
or Digitalis

No. 165. **FOXGLOVE** or *Digitalis* with its tall handsome flower stems is particularly attractive among shrubbery or in bold masses against buildings or terraces. Being perennials they bloom during June and July; colors are white, pink, red and yellow. The throat of each flower is spotted. Height 3 to 5 feet. Packet, mixed colors, 10c; $\frac{1}{4}$ oz., 35c.

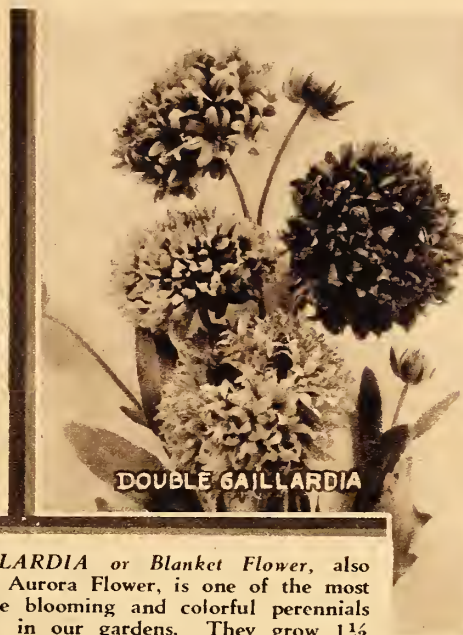


SINGLE GAILLARDIA
or Blanket
Flower



GEUM
or Avena

No. 1131. **GEUM** or *Avena* is a very pretty perennial of low growth with long flower stems. Colors are orange, scarlet and golden yellow; blooms are often 2½ inches in diameter and are produced throughout the summer. Packet, mixed colors, 10c; $\frac{1}{4}$ oz., 75c.



DOUBLE GAILLARDIA

GAILLARDIA or *Blanket Flower*, also called *Aurora Flower*, is one of the most profuse blooming and colorful perennials in our gardens. They grow 1½ to 2 feet tall and bloom from early July until frost.

No. 444. *Single Gaillardia*, mixed colors. Individual blooms are very large and attractive.

Packet, 10c; $\frac{1}{4}$ oz., 30c.

No. 1215. *Double Gaillardia*, mixed colors; flowers are densely double and of pleasing colors. Packet, 10c; $\frac{1}{4}$ oz., 30c.

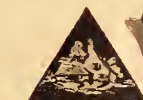


No. 1141. **GODETIA** or *Satin Flower* is an attractive annual of easy culture and especially free blooming. If you have never grown Godetia, plant lots of them this year, the satiny texture and rich coloring of the blooms will certainly entrance you. Packet, mixed colors, 10c; $\frac{1}{4}$ oz., 35c.



GERANIUMS
—grow them from seed

No. 1206. **GERANIUMS** are as easily grown from seed as other perennials. They bloom the first year, if started early, and if brought indoors before frost in the fall will bloom all winter. The strain we offer comprises a wide range of colors and varieties. Packet, mixed colors, 10c; $\frac{1}{8}$ oz., 75c.



GODETIA
or Satin Flower



**GOLDEN
ALYSSUM**

No. 1204. *ALYSSUM Saxatile* is a charming perennial which covers itself completely during May with a sheet of tiny bright golden yellow flowers. Height 1 ft. Packet, 10c; $\frac{1}{4}$ oz., 35c.



**HIBISCUS or
Mallow Marvels**

No. 1167. *HIBISCUS* produces a very large blossom, often 6 inches across. They open only in full sunlight and the colors range from white to deep crimson; 3 to 5 feet high. Packet, mixed colors, 10c; $\frac{1}{4}$ oz., 35c.



**GOMPHRENA
or Globe
Amaranth**

No. 1117. *GOMPHRENA* or *Globe Amaranth* is an annual everlasting flower, the blossom of which closely resembles clover blossoms. Grows $1\frac{1}{2}$ to 2 feet tall. Packet, mixed colors, 10c; $\frac{1}{4}$ oz., 25c.



HOLLYHOCKS



**HELIOTROPE
or Cherry Pie**

No. 1179. *HELIOTROPE*, a half hardy perennial, is usually grown as an annual, blooming especially well the first summer from seed. Packet, mixed shades, 10c; $\frac{1}{4}$ oz., 40c.



GOURDS

No. 1132. *GOURDS* produce an immense amount of vine quickly. The blooms are handsome, the foliage is ornamental and the fruits are very unusual and much varied in shape, color and markings. Vines run 10 to 20 feet. Annual. Packet, mixed sorts, 10c; oz., 40c.



Truly majestic in appearance and most desirable for use among shrubbery or in the garden border. Those we offer are perennial, grow 5 to 8 feet high and bloom abundantly.

No. 961. *Single Mixed Hollyhocks*. Packet, 10c; $\frac{1}{4}$ oz., 35c.

No. 37. *Double Mixed Hollyhocks*. Packet, 10c; $\frac{1}{4}$ oz., 50c.



No. 1180. *ICE PLANT*—
This curious trailing plant has
thick leaves covered with
glistening ice-like globules.
Flowers are white and light
pink. Likes sunny location.
Packet, mixed colors, 10c;
¼ oz., 35c.

ICE PLANT or Fig Marigold



No. 1181. *JACK and the BEANSTALK*—
A twining vine of remarkably rapid growth.
Foliage is large and lobed; purple pea-
shaped flowers in clusters, borne late in the
season. *Packet, 10c; ¼ oz., 30c.

No. 1172. *JOSEPH'S COAT*—The foliage
is beautifully marked with rich scarlet, yel-
low, green and white. Amaranthus is the
most stunning of all variegated leaved
plants. Packet, 10c; ¼ oz., 30c.

No. 1142. *LANTANA*—An exceedingly
rapid growing, bushy plant, bearing Ver-
bena-like clusters of fragrant flowers in a
wide variety of changing colors. Dwarf.
mixed colors. Packet, 10c; ¼ oz., 25c.

HYACINTH BEAN or Dolichos

No. 1216—A rapid-growing, annual climber;
flowers freely, purple and white, followed
by ornamental seed pods; affords fine shade
or trellis covering; 10 feet.

Packet, 10c; oz., 30c.



No. 141. *LADY SLIPPER*—The
flowers form on the
main stems and
show to the best ad-
vantage when plant-
ed in the margin of
groups or to crown
a terrace. Likes sun
and rich moist soil;
grows 12 to 20 in.
high. Packet, mixed
colors, 10c; ¼ oz.,
25c.

LADYSLIPPER or Double Balsam





Love Lies Bleeding
Amaranthus Caudatus has long
drooping flower-spikes resembling
chenille and is blood red in color.

Annual. 2 to 3 feet.
No. 1173. Packet, 10c;
1/4 oz., 30c.



**ANNUAL
LUPINS**



LARKSPUR *Very effective in large beds*

No. 927. *Dwarf Rocket LARKSPUR*—A
splendid hardy annual Larkspur, growing only
1 foot high and producing large, double hya-
cynth-like blooms in a variety of charming
colors. Packet, 10c; 1/4 oz., 30c.

No. 208. *Tall Rocket LARKSPUR*—A tall
hardy annual Larkspur, growing about 2 1/2
feet high. Mixed colors. Pkt., 10c; 1/4 oz., 35c.

No. 195. *Emperor William LOBELIA*—A very
dwarf, compact variety covered with white,
blue-margined flowers; flowers from June to
November. Packet, 10c; 1/8 oz., 50c.

No. 304. *Erinus Hamburgia LOBELIA*—A
trailing sort for hanging baskets or window
boxes. Large dark blue flowers.
Packet, 10c; 1/8 oz., 40c.

No. 46. *Annual LUPINS* with their graceful
spikes of rich and various colored pea-shaped
flowers and glossy dark foliage certainly are
attractive in the garden. Height 2 feet.
Packet, mixed colors, 10c; 1/2 oz., 20c.



Dwarf- LOBELIA

Tall African MARIGOLDS

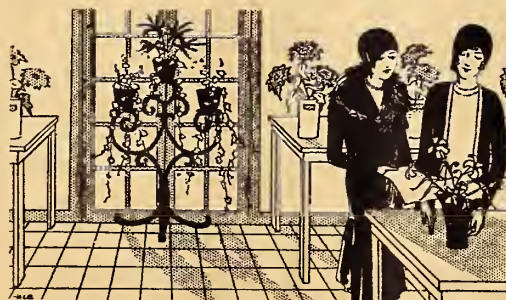


MARIGOLDS certainly give one a wealth of color in the garden. In bouquets they combine richly with Larkspur and Bachelor Button. They bloom from July until frost.

No. 409. Tall African MARIGOLDS.
Packet, orange and lemon mixed, 10c;
½ oz., 45c.

No. 410. Tall French MARIGOLDS.
Packet, mixed colors, 10c; ½ oz., 40c.

No. 146. Dwarf French MARIGOLDS.
Packet, mixed colors, 10c; ½ oz., 50c.



Jilly's Colonial Collection

should be part of the seed order for every garden. You sure get a real bargain in garden satisfaction for the collection consists of a 10c packet of these favorites of your grandmother's time in mixed colors, COLUMBINE, SCABIOSCA, CALLIOPSIS, GAILLARDIA, VERBENA, STOCKS, together with a 15c packet of MORCROP Fertilizer Tablets. Worth 75c. offered at 50c.



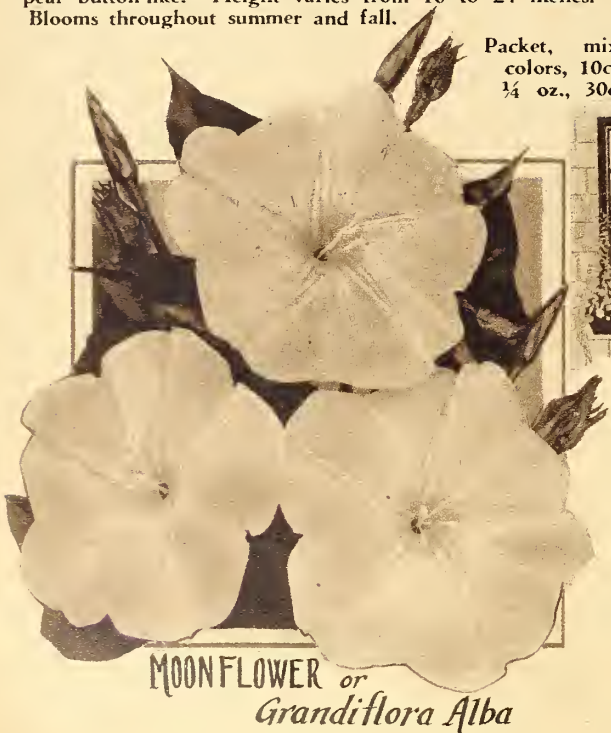
Dwarf French MARIGOLDS





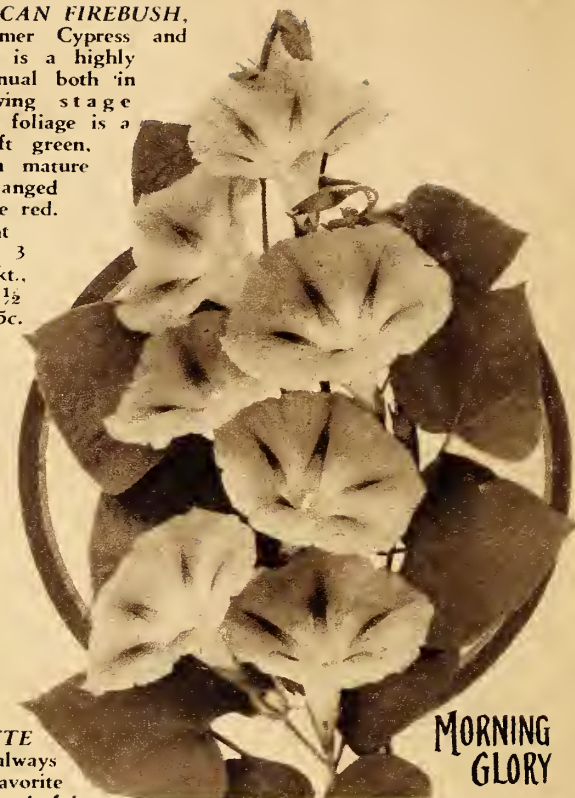
No. 1217. *MATRICARIA* or *Feverfew* is a mixture of double white which resembles small *Chrysanthemums* and double yellow which is so densely double as to appear button-like. Height varies from 10 to 24 inches. Blooms throughout summer and fall.

Packet, mixed colors, 10c;
¼ oz., 30c.



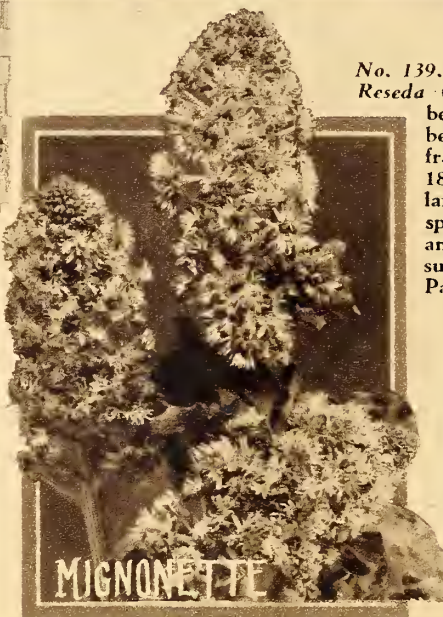
No. 1135. *MEXICAN FIREBUSH*, also called *Summer Cypress* and *Burning Bush*, is a highly ornamental annual both in the growing stage when the foliage is a lovely soft green, and when mature it has changed to a flame red.

Height
2 to 3
ft. Pkt.,
10c; ½
oz., 25c.



No. 139. *MIGNONETTE*

Reseda Odorata has always been a garden favorite because of its wonderful fragrance. Grows 12 to 18 inches tall and produces large *Hyacinth-like* flower spikes, covered with tiny red and gold florets during the summer and fall. Annual. Packet, 10c; ¼ oz., 25c.



MOONFLOWERS are beautiful, rapid-growing annual climbers, reaching a height of 20 to 30 feet. The seeds should be notched or scored to quicken germination.

No. 1056. *Grandiflora Alba* is white and the flowers open only at night and on cloudy days.

Packet, 10c; ¼ oz., 25c.

No. 959. *Bona Nox* is a beautiful rosy lilac and is also a night bloomer. Packet, 10c; ¼ oz., 30c.

MORNING GLORIES are well known annual climbers and are very satisfactory, having ornamental foliage as well as brilliantly colored blooms in great profusion.

No. 600. *Imperial* or *Japanese Giants* are the largest and most colorful.

Packet, mixed colors,
10c; oz., 25c.

No. 41. *Convolvulus Major* is the old-fashioned sort and literally blooms itself to death.

Packet, mixed colors,
10c; oz., 25c.

JILLYS Nasturtiums

No other annual will produce such a riot and profusion of flowers for so long a time and with as little attention as will Nasturtiums. Not only do the flowers have a wide range of color but the foliage, too, is varied, interesting and ornamental.

No. 87. Royal Dwarf NASTURTIIUMS—A pleasing mixture of fine dwarf sorts. Fine for border plantings.

Packet, 10c; oz., 15c; ¼ lb., 50c; lb., \$1.50.

No. 1238. Sunshine Border NASTURTIIUMS—A special mixture of bright colors, packed only in 1 oz. packets, 15c each.

Special NASTURTIIUM Collection

There are some especially fine new sorts of intensely brilliant Nasturtiums among both the Tall and Dwarf classes which should be grown more generally. In order that everyone might easily obtain these finer new sorts and to guide them in their selection of colors we have chosen the eight best and blended them into a Collection Mixture with a charming sequence of color harmony.

JILLYS Navajo Collection Dwarf NASTURTIIUMS made up of these eight colors: Fiery Crimson, Sunflower Yellow, Intense Scarlet, Amber Pearl, Indian Yellow, Salmon Rose, Bluish Rose, Pale Yellow.

The Special Price is only 50c.

No. 1239. Butterfly Climbing NASTURTIIUMS—Assorted tall sorts that will please you, packed only in 1 oz. packets, 15c each.

No. 262. Royal Tall NASTURTIIUMS—A group of vigorous climbers in a gorgeous array of colors. Packet, 10c; oz., 15c; ¼ lb., 50c; lb., \$1.50.

JILLYS Aztec Collection Tall NASTURTIIUMS includes all the colors contained in the Navajo Collection, the plants, however, are vigorous climbers. Like the dwarf sorts they are very free flowering. Special Price, 50c.

NASTURTIIUMS
few flowers
are more pleas-
ing.

"Grow"
lots
of
them!



A Single Dwarf NASTURTIIUM plant



No. 1145. *NEMOPHILA* is one of our loveliest hardy garden annuals. Most effective as an edging around beds as it grows only 6 to 8 inches tall. Blooms profusely during the spring and summer. Flowers are blue and white.

Packet, mixed colors, 10c; ½ oz., 25c.



No. 1218. *NEMESIA* grows a foot high, blooms all summer and is as gorgeously colored as any annual we have. Colors are in shades of yellow, orange, cherry, crimson, scarlet, pink, claret, purple, blue, rose, white and are often spotted or splashed with other colors.

Packet, mixed colors, 10c; 1-16 oz., 50c.



No. 248. *NIGELLA*, known also as Devil-in-a-Bush, is one of our prettiest old-fashioned annual flowers. It is compact growing, free flowering, has finely cut fern-like foliage and curious looking blooms and seed pods. A foot high, easy to grow and quite hardy. Packet, mixed blue and white, 10c; ¼ oz., 25c.

ILLY'S Old English Garden Collection

This collection of mixed flowers that were favorites in the old English gardens will provide you with a wealth of assorted, decorative flowers throughout the season.

Seven regular 10c packets are offered together at the usual price of five. Each in mixed colors.

They are *SNAPDRAGON* or *Antirrhinum*—*SALPIGLOSSIS* or *Painted Tongue*—*LADY SLIPPER* or *Double Balsam*—*MAY PINKS* or *Dianthus*—*BATCHELOR BUTTON* or *Centaurea Cyanus*—*MORNING GLORIES*, Japanese Giants—*NIGELLA* or *Love-in-a-Mist*. The collection for only 50c.

Old Fashioned Perennial Garden

Each year there are more people who wish to devote a portion of their garden to the "old-fashioned" perennial flowers of our Grandmothers' time. For these we put up a special mixture of these favorites, all sorts and colors. You will find them attractive and interesting. Sold only in special sealed packets.

No. 1243. Old-Fashioned Perennial Garden Packet, 15c.

Here is a list of vines suitable for covering Arbors, Fences, Arches, Trellises, etc.:

Black-Eyed Susan	Jack and the Beanstalk
Canary Bird Vine	Morning Glory
Cardinal Climber	Nasturtiums, tall
Cup and Saucer Vine	Scarlet Runner Bean
Cypress Vine	Sweet Peas
Gourds	Wild Cucumber
Hyacinth Bean	Wistaria.
Moonflower	

We can supply seed of all of these.

No. 930. **LILLY'S** Colossal Mixed PANSIES are a splendid type of immense size, distinct shape, beautiful markings and wide range of colors. The plants by habit root deeply.

Packet, mixed colors, 10c; ¼ oz., 85c.

No. 90. **Giant French Mixed PANSIES**—This extra fine strain includes a full range of colors from pure white to almost black. The blues, lavenders and yellows deserve especial mention; there are also maroon, mahogany, cerise, rose and others that are hard to describe and which must be grown to be fully appreciated. The flowers are all large, well shaped, with thick and well waved petals.

Packet, mixed colors, 10c; ¼ oz., 60c.

Shakespeare said: "Pansies for Thoughts," and it is not at all unusual that these lovely little flower faces should be an inspiration to the poet as well as to the gardener. They are favorites with everyone and respond in a satisfactory manner to ordinary care.



*A glorious bed of
Pansies*



*Pansies
Everybody loves 'em.*

The Pansy is too well known to all garden lovers to require much description. They are easily grown and bloom in great profusion for months. They thrive best during the cool moist period of the gardening season and for that reason should be started early, preferably indoors or in a hotbed. For that reason also they are much planted in shady places and where the soil is loose and rich. They are generally considered to be perennial but are most satisfactory when treated as annuals, because the blooms are largest and most numerous the first season. If you are a Pansy fan grow lots of them, buy the collection of Pansies offered below and get the utmost satisfaction from your efforts.



No. 429. **GOLDELSE OR YELLOW GEM**, the outstanding golden yellow sort in every respect. Blooms profusely, of exceptional size and showy appearance.

No. 94. **BEASONFIELD**, a bright, deep ultramarine blue, shaded with violet on upper petals. The deep velvety color softens with age.

No. 203. **EMPEROR WILLIAM**, remarkable for the size of its blooms which are a rich navy blue with extra dark lower petals.

No. 95. **SNOWFLAKE**, large satiny-white flowers which appear very bold against the rich foliage with an appeal that is irresistible.

No. 178. **FAUST OR KING OF THE BLACKS** is very dark. The soft velvety, purplish blue-black blooms are unique, large in size on long stems.

No. 1147. **MAROON** is just about the richest maroon red you ever saw. Large blossoms with rich golden markings. Very appealing.

Price any above variety:

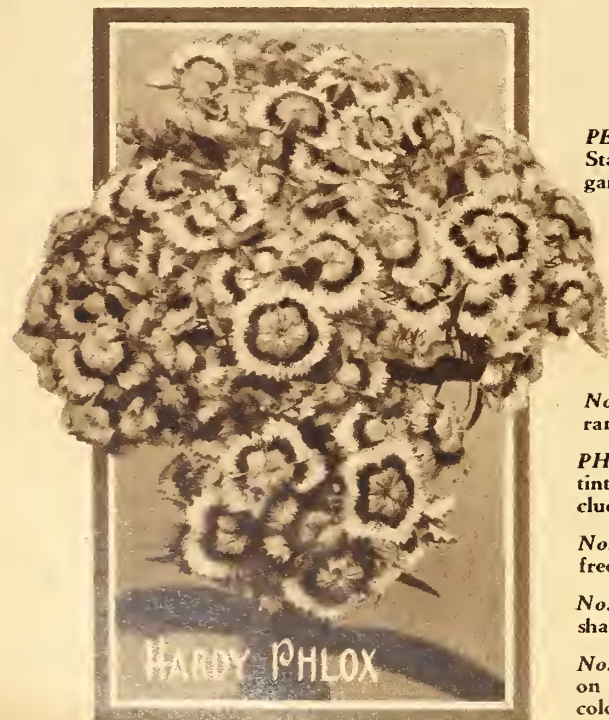
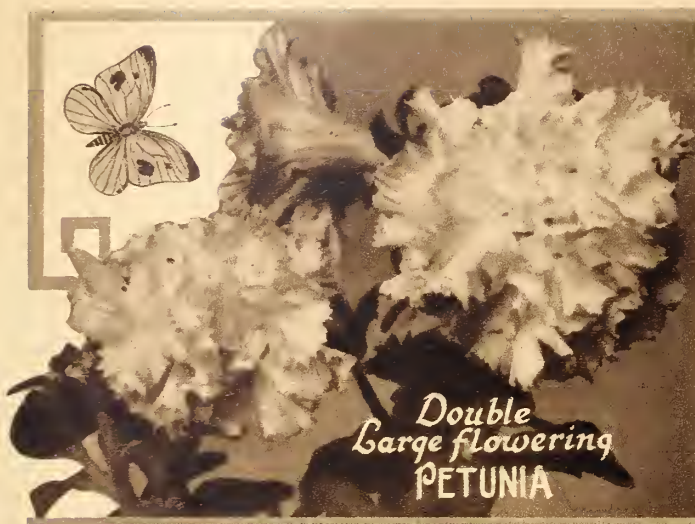
Packet, 10c; ¼ oz., 75c.

LILLY'S
*Princess Collection
Mammoth Pansies*

A real value at 50c; six 10c packets Mammoth Pansies, one each of the six colors described above and a 15c packet of Morcrop Fertilizer Tablets.

50c





PETUNIAS, it is claimed, are the most popular annual flower grown in the United States. The newer sorts are certainly marvelous and should be grown in every garden.

No. 1149. Large Flowering Double PETUNIAS are deeply fringed and waved. Very large. Packet, mixed colors, 25c; 1-32 oz., \$3.50.

No. 1148. California Giant PETUNIAS are very large, ruffled and of many brilliant colors. Packet, mixed colors, 25c; 1-16 oz., \$4.00.

No. 1219. Rose of Heaven PETUNIA is free blooming, very showy carmine-rose in color. Bushy, spreading plants. Packet, 25c.

No. 61. Single PETUNIAS, a choice strain of fine single varieties with a wide range of color. Packet, mixed colors, 10c; ¼ oz., 45c.

PHLOX is one of the most brilliant colored and easily grown flowers. All the tints of the rainbow with stripes, blotches and veins of contrasting colors are included in the color range.

No. 919. Large Flowering PHLOX Drummondii. Annuals, 15 inches tall and very free flowering. Fine for cutting. Packet, mixed colors, 10c; ¼ oz., 50c.

No. 1220. Star or Fringed PHLOX, a unique type, the blooms of which are star-shaped and of many colors. Annual. Packet, mixed colors, 10c; ¼ oz., 75c.

No. 1133. Perennial PHLOX has immensely large individual flower heads, borne on tall strong stems, 2½ to 4 feet high. Ours is an extra choice strain, beautifully colored. Packet, mixed colors. 10c; ¼ oz., 75c.



This Year Plant a POPPY Garden

NOTE: Due to the scarcity of seed of the following varieties we can supply the following varieties only as part of the Celestial Poppy Collection. Carmine King Eschscholtzia, deep carmine—Double Shirley Poppy, salmon color—Paeony Flowered Poppy, shrimp pink.

ILLYS Celestial POPPY Collection

In this special collection we offer you a truly gorgeous poppy garden, including three special sorts that are new and scarce and which, because of their outstanding form and colors, will be a welcome addition to the gardens of Poppy lovers. Picture, if you can, a splash of deep, dazzling carmine in one part of your garden and a patch of shrimp pink in another, or a dash of big, double salmon colored Poppies to lend enchanting color in some favorite nook, and mixed shades of all the regular Poppy colors scattered wherever you need grace and color.

Six regular 10c size packets make up this collection—they are one each of:

True CALIFORNIA POPPY *Eschscholtzia Aurantica*, a rich orange color.

ICELAND POPPY in mixed colors, these graceful delicate single flowers appear to be made of satin tissue.

American Legion SHIRLEY POPPY whose single orange-scarlet blooms with yellow anthers are known also as the Poppies of Flanders Field.

ESCHSCHOLTZIA CARMINE KING, an outstanding bright shade of crimson-carmine with a rich satiny finish.

A 15c package of MORCROP Fertilizer Tablets completes the collection. The Price is 50c.

Poppies thrive from Mexico to Canada and lend both intense color and fairy-like grace to the garden—every garden has some space that should be devoted to Poppies. We offer the following:

No. 1030. *Oriental POPPY*, a hardy perennial producing immense single flowers in the alluring shades of red, crimson, carmine, pink and orange. Packet, mixed colors, 10c; $\frac{1}{4}$ oz., 40c.
No. 341. *Iceland POPPY* or *Papaver Nudicaule*, a perennial that blooms readily the first year from seed; single with satiny crinkled petals. Packet, mixed colors, 10c; $\frac{1}{4}$ oz., 25c.

No. 192. *California POPPY*, the true orange colored *Eschscholtzia Aurantica*. Packet, 10c; $\frac{1}{2}$ oz., 25c.

No. 1089. *California POPPY*, the improved hybrid sorts in all their fascinating colors. Packet, mixed colors, 10c; $\frac{1}{2}$ oz., 35c.

No. 1221. *American Legion POPPY*, the much-loved flower of Flanders Fields, in an improved and larger form.

Packet Flanders Scarlet, 10c; $\frac{1}{4}$ oz., 25c.

No. 314. *Shirley POPPY*, single and double mixed, in beautiful colors and delicate shades. Packet, mixed, 10c; $\frac{1}{2}$ oz., 25c.

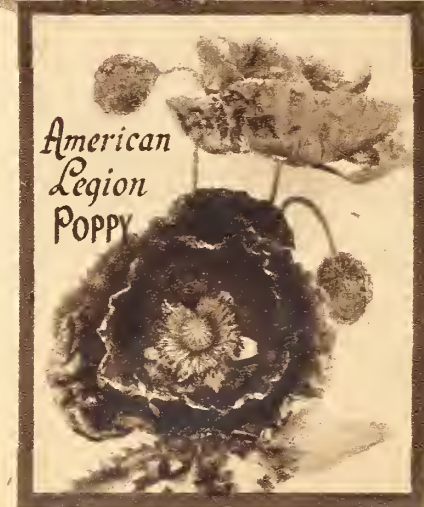
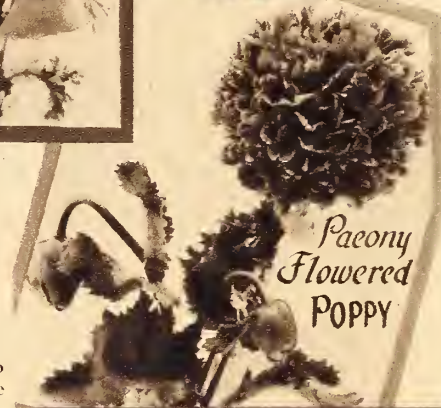
PINKS or *Dianthus* comprise a large and varied family, possessing delightful fragrance and most brilliant colors and markings. The two strains we offer are very profuse bloomers and while many plants will live over winter they are best treated as annuals as the best blooms are produced the first year.

No. 288. *May PINKS* are the old-fashioned single sort, commonly used as borders around flower beds. Height 1 foot.

Packet, mixed colors, 10c; $\frac{1}{4}$ oz., 40c.

No. 1150. *Chinese PINKS* are double flowered. The plants are strong growers, about 16 inches high and are excellent for cutting.

Packet, mixed colors, 10c; $\frac{1}{4}$ oz., 35c.





PORTULACA, also called Sun Plant and Moss Rose, is an annual growing only 4 to 8 inches high, is thick leaved and loves dry, sunny locations.

No. 69. Single **PORTULACA**, brilliant hues of many colors. Packet, mixed colors, 10c; $\frac{1}{4}$ oz., 35c.

No. 70. Double **PORTULACA**, very full double blooms. Packet, mixed colors, 10c; $\frac{1}{8}$ oz., 50c.



No. 1187. **PYRETHRUM Hybridum** is a hardy perennial, 2 to 3 feet high with many colored daisy-like flowers.

Packet, mixed colors, 10c;
 $\frac{1}{4}$ oz., 60c.

No. 920. **SALVIA**, a scarlet flowering Sage, is much used as a hedge or border plant. Flowers are lively fire-red. plants $2\frac{1}{2}$ to 3 feet tall.

Packet, 10c; $\frac{1}{8}$ oz., 35c.

No. 406. **SALPIGLOSSIS** is without doubt one of the most attractive annuals. Most of the blooms are gold-veined and the colors are varied and unusual; 24 to 30 inches tall. Packet, mixed colors, 10c; $\frac{1}{4}$ oz., 35c.



No. 1138. **RHODANTHE**, a charming annual a foot high, with blooms in the various shades of pink, rose and red, also white.

Packet, mixed colors, 10c; $\frac{1}{4}$ oz., 30c.

No. 1134. **SCABIOSA**, also known as pin-cushion flower. The attractive and unique blooms are of many colors, 2 to 3 feet high.

Packet, mixed colors, 10c;
 $\frac{1}{4}$ oz., 20c.





SNAPDRAGONS are mighty appealing in large masses but individual plants have a charm which we cannot resist. As cut flowers they are very adaptable.

No. 921. Black Prince—Dark crimson flowers and very dark foliage. Grows about 18 inches high.

Packet, 10c; $\frac{1}{4}$ oz., 50c.

No. 1073. Golden King—A splendid yellow Snapdragon, 3 feet high. Packet, 10c; $\frac{1}{4}$ oz., 50c.

No. 1074. Delicata—A beautiful pink, 3 feet high. Packet, 10c; $\frac{1}{4}$ oz., 50c.

No. 1076. Brilliant Scarlet—A very effective red; 3 feet high. Packet, 10c; $\frac{1}{4}$ oz., 50c.

No. 1201. Queen Victoria—Pure snow white, 3 feet tall. Packet, 10c; $\frac{1}{4}$ oz., 50c.



No. 1202. Bronze—Brownish orange and copper-red shades, 3 feet. Pkt., 10c; $\frac{1}{4}$ oz., 50c.

No. 104. Dwarf Mixed—Best of the dwarf varieties, all colors mixed.

Grows about 8 inches high. Packet, 10c; $\frac{1}{4}$ oz., 35c.

No. 4. Tall, Mixed—A mixture of good, tall varieties, growing 3 feet high. All colors. Pkt., 10c; $\frac{1}{4}$ oz., 35c.

No. 1143. SCARLET FLAX—The rich scarlet flowers last only a day, but they are borne continuously until frost. Packet, 10c; $\frac{1}{2}$ oz., 25c.



No. 1004. SHASTA DAISY—This splendid hardy perennial produces an abundance of showy flowers 4 inches in diameter with pure white petals and yellow centers on long wiry stems. Packet, 10c; $\frac{1}{4}$ oz., 50c.

No. 1152. SCHIZANTHUS—When in full flower the foliage is practically hidden by the innumerable butterfly-like blooms of many colors. Mixed colors. Packet, 10c; $\frac{1}{4}$ oz., 50c.



No. 2001. SCARLET RUNNER BEAN—Popular for both ornamental and culinary purposes. This pole Bean has attractive pea-like flowers of a brilliant scarlet that are followed by an abundance of edible beans. Pkt., 10c; $\frac{1}{2}$ lb., 25c; lb., 45c.



Scarlet Runner BEAN



No. 1126. *SNOW ON THE MOUNTAIN* is the common name for *Euphorbia Variegata*, an annual bushy plant, growing 2 to 3 feet high, bearing an abundance of beautiful green foliage, broadly marked with silvery white margins and bearing tiny white flowers. From a distance they appear as green mountains covered with snow. Packet, 10c; $\frac{1}{4}$ oz., 35c.

No. 1139. *STATIC* or *Everlasting Sea Lavender* is a perennial, much used for dried flowers or winter bouquets. Grows 16 to 24 inches tall and blooms profusely throughout the summer.

Packet, mixed colors, 10c; $\frac{1}{8}$ oz., 25c.



No. 1116. *STRAWFLOWER* or *Helichrysum*, so-called because the flower petals are stiff and straw-like and the flower, if picked when only partly opened, can be dried for winter bouquets, retaining their beautiful colors and opening fully while drying. They are annual, 2 to 4 feet tall.

Packet, mixed colors, 10c; $\frac{1}{4}$ oz., 35c.

No. 84. *Ten Weeks Double STOCKS*, an improved strain growing $1\frac{1}{2}$ feet high. Blooms in 10 weeks from planting time and continues to bloom for several months.

Packet, mixed colors, 10c; $\frac{1}{8}$ oz., 45c.

No. 1111. *LILLY'S Special Mixed STOCK*—Choicest varieties and colors which you certainly will enjoy if you like Stocks.

Packet, 10c; $\frac{1}{8}$ oz., 40c.

No. 128. *SUNFLOWER* or *Helianthus* are stately plants with showy flowers suitable for growing among shrubbery, against fences and buildings and out-of-the-way places in the garden. Height 3 to 5 feet. Flowers are single and double, in shades of yellow.

Packet, mixed varieties, 10c; oz., 35c.

No. 2002. *Mammoth Russian SUNFLOWER*, very large flower heads, grown mostly for seed, often 8 to 10 feet high.

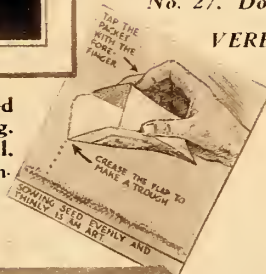
Packet, 10c; lb., 25c.





SWEET ALYSSUM

No. 1199. *SWEET ALYSSUM Little Gem* is unexcelled for borders, beds, baskets, pots, rockeries and for cutting. The plants are of compact habit, 4 to 5 inches tall. One of the quickest growing annuals. Blooms continuously from early spring until late fall.
Packet, 10c; $\frac{1}{4}$ oz., 25c.



Sweet William
DIANTHUS BARBATUS

Sweet Lavender

Too well known to require an illustration. A perennial used somewhat as an herb in cookery, but grown mostly for its sweet scented flower-stalks, which are dried and used to impart a delicate fragrance to linens and wardrobes.
No. 2000. Packet, 10c; $\frac{1}{4}$ oz., 25c.

No. 1016. *Giant SWEET SULTAN* is the finest of all Centaureas for cutting. They last a long time in water, are beautiful, artistic and sweet scented. Packet 10c; $\frac{1}{4}$ oz., 25c.

SWEET WILLIAMS produce splendid effects in beds and borders. Although perennials, flowers will be produced the first summer, and the best results will be had by growing new plants each year.

No. 26. *Single*—Mixed colors. Pkt., 10c; $\frac{1}{4}$ oz., 25c.

No. 27. *Double*—Mixed colors. Pkt., 10c; $\frac{1}{4}$ oz., 30c.

VERBENA—Low growing, creeping, half-hardy perennial usually treated as an annual and useful in beds, borders, mounds and window boxes.

As cut flowers they are attractive when loosely arranged in low bowls and vases.

No. 1154. *Special Giant*—Mixed colors. These are the latest introductions. Pkt. 10c; $\frac{1}{4}$ oz., 50c.

No. 88. *Giant Hybrid*—A splendid mixture of large flowering varieties; all colors.
Pkt., 10c; $\frac{1}{4}$ oz., 50c.



VERBENA

Sweet Sultan or CENTAURED IMPERIALIS



JILLY'S Butterfly Collection Spencer SWEET PEAS

Sweet Peas are grown by more people in the Western states than any other flower. Their ease of culture, long blooming period, wide range of color and delightful fragrance justifies this tremendous popularity. They are by nature especially suited to culture in the West, lend themselves most admirably to garden ornamentation and indoor decoration. Few flowers are more graceful and generally adaptable and none continue to bloom over a longer period of time.

The following varieties comprise the collection. Each is the best in its own color class and is sure to please.

No. 1230. **MARY PICKFORD**, a very large flower. The color is a dainty and appealing cream pink with a soft suffusion of salmon. Blooms very profusely.

No. 1123. **TANGERINE IMPROVED**. Brilliant tangerine-orange flowers that are sun-proof. An outstanding and very popular Sweet Pea.

No. 1228. **FORDHOOK BLUE**. This variety is a very rich azure or light violet-blue color. Of strong

growth, very large and free blooming. No. 1232. **POWERSCOURT**. A pure lavender with flowers of mammoth size. We believe this is by far the best lavender.

No. 1225. **CRIMSON KING**. A bold flower of excellent shape, carried on a fine long stem. In our opinion this is the finest Sweet Pea of a true crimson shade.

No. 1194. **BARBARA**. Glistening pure salmon. Large waved flowers

of fine form and good substance. To grow these once means a permanent place in your garden.

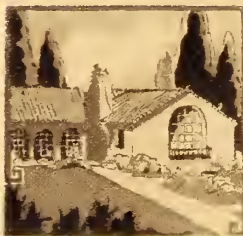
No. 1197. **JEAN IRELAND**. One of the most attractive of all picotee varieties. The color is a rich cream edged with bright rose. Large, well waved, with long stems.

The above seven varieties sold together as a collection at 50c.

Any of the above varieties priced per packet, 10c; oz., 30c.



A
Single
Specimen of
Barbara



The Spencer Type or Orchid-flowered Varieties of Sweet Peas are produced in hundreds of shades. Grouping them together in color classes we have selected only the best one of each group which we list on this and the following page. All of them are grown by Burpee.



—SWEET PEAS
are both fragrant
and decorative

JILLY'S Giant Waved Spencer SWEET PEAS

Price Any Variety, Packet 10c; Ounce 30c

Grown by Burpee

You will be well pleased with every one of the varieties offered on this page. They were chosen from among the hundreds offered as possessing the most merit in their respective color classification.

No. 1024. *AMERICA*—An ivory-white ground, distinctly striped with brilliant crimson-red. Very large and a constant bloomer.

No. 1194. *BARBARA*. See page 46.

No. 1224. *CHARMING*—The color is a bright glowing cerise with a rich salmon sheen. Its unusual glitter is mighty attractive.

No. 1166. *COMMANDER GODSALL*—An attractive shade of deep violet-blue. The flowers are large and well waved. Very free blooming.

No. 1225. *CRIMSON KING*. See page 46.

No. 1226. *DAISYBUD*—Harmonious shades of apple-blossom tints with an elusive suffusion of cream pink. Very pretty.

No. 1195. *ELEGANCE*—Its color is a lovely blush-lilac, faintly suffused with a delicate pink. The blooms are unusually large.

No. 1072. *FIERY CROSS*—The standard is a deep cherry-red with an orange suffusion. The wings are a rich cherry-orange. Most beautiful.

No. 1227. *FLORADALE FAIRY*—Large, well-waved blooms. Blooms of a rich deep cream color. Holds its color better than any other cream.

No. 1228. *FORDHOOK BLUE*. See page 46.

No. 1229. *HAWLMARK'S SALMON PINK*—Rich, deep pink, attractively tinted with salmon and orange. This is indeed a lively color.

No. 1197. *JEAN IRELAND*. See page 46.

No. 1230. *MARY PICKFORD*. See page 46.

No. 1041. *KING WHITE*—Remarkable for its glistening purity and perfect finish. The blooms are immense in size and well waved.

No. 1049. *NEW WEDGEWOOD*—A fine blue sort of large size and brilliant coloring. The flowers are much waved and very large.

No. 1231. *PINKIE*—A very lovely clear deep pink variety with magnificent flowers, well placed on long, strong stems. The largest pink.

No. 1232. *POWERSCOURT*. See page 46.

No. 1113. *ROYAL PURPLE*—An excellent variety with large rich purple blooms, borne profusely in fours on long stems.

No. 1233. *SCARLET GLOW*. Rich glowing scarlet-red retaining its vivid deep color after cutting. A very showy flower.

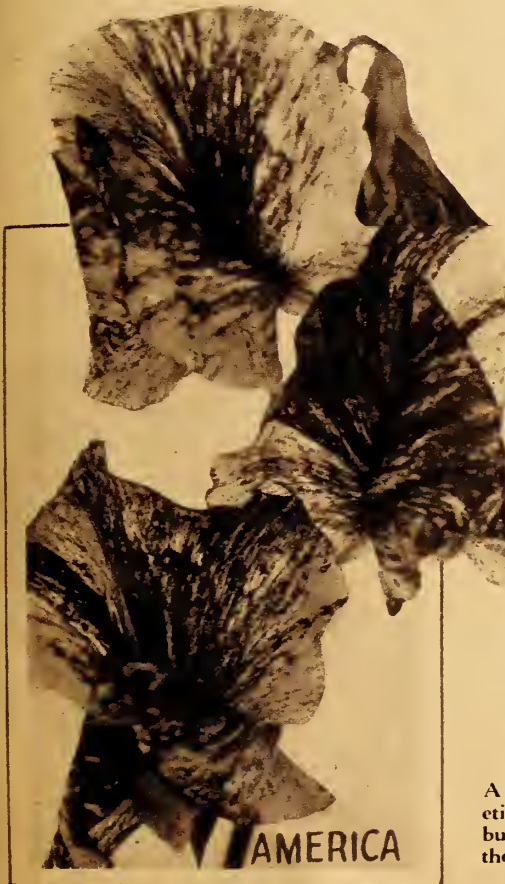
No. 1234. *SPARKLER*—A charming combination of a large rose standard with well-spread cream wings. The best bi-color Sweet Pea.

No. 1189. *SUNSET*—A beautiful shade of soft rich rose with a distinct halo of luminous yellow toward the base.

No. 1123. *TANGERINE IMPROVED*. See page 46.

No. 1235. *THE SULTAN*—A rich black velvety-maroon. Large well-formed flowers carried on fine long stems.

No. 1125. *VALENTINE*—A pleasing shade of light pink, beautifully waved flowers, with exquisite texture and great substance.



AMERICA

JILLY'S Mixed SPENCER SWEET PEAS

A superb mixture of best giant waved varieties. This splendid mixture contains all varieties of the Spencer type and is designed for those who wish all colors, shades and tints but do not care to keep them separate or to go to the expense of purchasing each of the many varieties separately. No. 1007. Mixed Spencer.

Pkt., 10c; oz., 25c; $1\frac{1}{4}$ lb., 75c; lb., \$2.25.

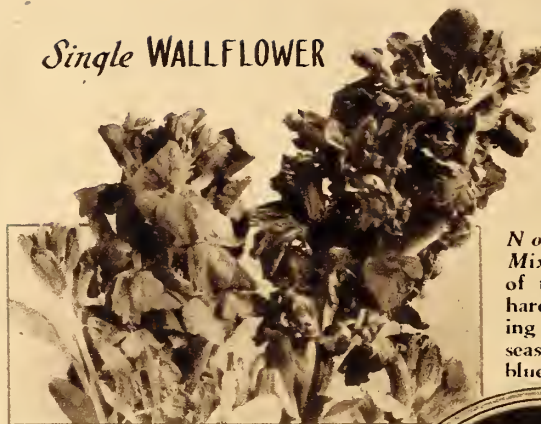


SUNSET

Single VIOLET



Single WALLFLOWER



No. 995. *WILD CUCUMBER* is one of our quickest growing annual vines. The white flowers are followed by ornamental, spiny seed pods. Packet, 10c; ½ oz., 30c.

No. 1183. *Double Mixed WISTARIA* is of the Chinese type, a hardy perennial, growing 15 to 20-ft. in one season. Packet, mixed blues, 10c; ¼ oz., 50c.



Wild Cucumber or ECHINOCYSTIS

SUNSET

The Pacific Coast's Own
GARDEN MAGAZINE

The NEW Sunset is a storehouse of good ideas for every Western gardener.

This NEW Sunset has one big mission—to give you—and to give the Far West a truly great all Western home and garden magazine. Your Pacific Coast is an empire in itself and no magazine published in the East, in the Middle West, or in the South, can ever hope to adequately serve this great territory. That is Sunset's job!

We want you to have the big March, 1930, issue. We have arranged for extra copies and will have one mailed to you free if, prior to March 1, 1930, you purchase 50 cents worth of packet seeds from this catalog.

SPECIAL 50% OFFER

Or, if you have purchased 50 cents worth of seeds from this catalog and prefer to have Sunset mailed to you regularly, you may subscribe at these special rates:

	Regular Price.	Special 50% Price.
One year	\$1.00	50 cents
Three years	2.00	1.00

Use this coupon NOW.

Sunset Magazine, 1015 Sansome St., San Francisco, Calif. Good Only Until March 1st, 1930.

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☐ I have purchased 50c worth of Surety Packet Seeds and am entitled to a free copy of the March, 1930, issue of the NEW Sunset.

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Name.....
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No. 319. *Large Single VIOLET* or *Viola Odorata* is a lovely perennial, unexcelled for beds and rockwork. Grows 4 to 6 inches high.

Packet 10c; ½ oz., 50c.

No. 99. *Single WALLFLOWER*, comes into flower early in the spring and is becoming increasingly popular. 18 to 30 inches high; perennial.

Packet, mixed colors, 10c; ¼ oz., 25c.

No. 1140. *XERANTHEMUM* or *Immortelle* is an interesting, everlasting flower with light silvery green foliage. Grows 2 feet tall. Annual. Pkt., mixed colors, 10c; ¼ oz., 35c.



WILD FLOWER GARDEN

No. 438. A complete mixture of the most desirable and easily grown annuals. Makes a wonderful show-

ing from early summer until frost. Packet, 10c; ounce, 25c; pound, \$2.00.

No. 1241. A special Jumbo size packet in a glazed envelope. Fine for gifts. 15c.



WISTARIA



LILLYS
Wild Flower Garden



Quilled or Cactus
ZINNIA

ZINNIAS are the most gorgeous colored annuals, easily grown in our gardens and blooming freely from early summer until frost. Plants grow 2 to 3 feet tall.

Quilled or Cactus Zinnias

A unique type of flower, the petals radiate straight from the center but are so tightly quilled as to appear almost tubular. The colors are a complete range of the brightest flaming autumn tints.

No. 1164. *Quilled or Cactus Zinnia.*

Packet, mixed colors, 10c; $\frac{1}{4}$ oz., 40c.

Dahlia Flowered Zinnias

In this type the petals are broad and numerous, the flower is very full, often 6 inches in diameter and 4 inches in depth, resembling show dahlias.

No. 1159. *GOLDEN.* A deep rich golden yellow with lots of life. Packet, 25c; $\frac{1}{8}$ oz., 75c.

No. 1160. *PINK.* A most pleasing lively pink of fine silky texture. Packet, 25c; $\frac{1}{8}$ oz., 75c.

No. 1161. *CRIMSON.* A dazzling deep crimson shade. Unusually attractive. Packet, 25c; $\frac{1}{8}$ oz., 75c.

No. 1162. *LAVENDER.* A clear bright lavender with lots of substance. Packet, 25c; $\frac{1}{8}$ oz., 75c.

No. 1163. *MIXED COLORS.* All of the above and many other fine colors and tints in a mixture that will make your garden charming. Packet, 10c; $\frac{1}{8}$ oz., 50c.



Double Giant
America's most popular
ZINNIA

No. 933. *Mixed Double Giant ZINNIAS.* A choice mixture of the finest and most brilliant colors which range through varying shades of yellow, orange, pink, rose scarlet, crimson and lavender; also white. Packet, mixed colors, 10c; $\frac{1}{4}$ oz., 35c.



Dahlia
Flowered
ZINNIA

The
Garden's
brightest
flower's

Jilly's Rainbow ZINNIA Collection

There are six very outstanding varieties of Double Giant Zinnias which every garden lover should grow. These we have grouped together into a collection selling at 50c and to make a real bargain out of it have included a package of Morcrop Fertilizer Tablets. The collection is very attractively packed in a cellophane protected 8-color lithographed envelope. The collection makes a very acceptable gift to eastern friends and a delightful party prize.

The colors in the collection are:

No. 1155. *GOLDEN YELLOW.* Pure golden in the bud, changing to rich orange when open.

No. 1156. *LAVENDER.* A fine deep lavender, turning to a rich purple in full bloom.

No. 1157. *PINK.* An exquisite rose-pink highly illuminated with a silky sheen.

No. 1158. *CRIMSON.* Rich crimson in color and the largest and finest of the red shades.

No. 1186. *WHITE.* The best pure white we have seen among Zinnias. Very large.

No. 1182. *CANARY YELLOW.* A wonderfully pleasing canary yellow with cerise tints on the under side.

A packet each of these six colors and a package of Morcrop Fertilizer Tablets, 50c. Individual packets of any of the above colors, 10c each; $\frac{1}{4}$ oz., any color, 50c.



LILLY'S N-P LAWN SEED for Hard Wear

A mixture of hardy grasses that when established will stand the wear usually expected of a back yard, playfield, etc., and will continue to look good for many years with normal care. It comes quickly, stays green the year 'round and if sown thick enough and fertilized freely will not become bunchy. The grasses in this mixture normally take their natural rest period at different times of the season for which reason they automatically replace each other in predominance. Lilly's intimate knowledge of the life habits of grasses makes it possible for them to compound permanently satisfactory mixtures. 1-lb. cartons, enough for 200 square feet, 50c. 5-lb. cartons, \$2.25.



LILLY'S CREBENT LAWN SEED for Fine Lawns

A combination of extra fine turf grasses in which Seaside Creeping Bent and Chewings New Zealand Fescue predominate. Both of these grasses evidence a natural tendency to spread by means of underground root-stalks and will eventually exclude the other grasses if sown where proper conditions prevail at planting time and are subsequently maintained. Only fine-leaved lawn grasses and a small percentage of Dutch Lawn Clover are used in this mixture and the resulting lawn is truly pleasing in appearance and becomes more beautiful and satisfactory as time goes on. A Crebent Lawn is a permanent investment. 1-lb. cartons, enough for 200 square feet, 75c. 5-lb. cartons, \$3.25.



Prices on the seeds of alfalfa, clovers, grasses, grains, etc., change with market values which prevents our pricing them in this catalog. Let us quote you the lowest market price when you are ready to buy.



WILLY'S Best **ALFALFA** is an extra fine strain of Common Type Alfalfa carefully graded and re-cleaned to a purity of better than 99%. Because alfalfa fields are usually left for a long time when once established there seems to be no reason for sowing anything but the best seed obtainable. Alfalfa, like other legumes, gathers the plant food element nitrogen from the air and stores it in the soil for succeeding crops. The hay or forage produced is very high in protein and is relished by all livestock. The crop requires soil rather alkaline in nature and should receive lime on lands that tend to produce an acid reaction. The seed should be inoculated with **STIMUGERM** before planting when sown on new lands.

GRIMM ALFALFA—Of great value where the winters are severe and where Common alfalfa freezes out. Its yielding power of forage or hay is no greater than that of Common alfalfa, although the price of the seed is generally much higher. We can supply both Certified and Uncertified seed.

HUBAM CLOVER—An annual strain of the white blossom sweet clover. It is of large erect, branching habit and grows very quickly. Valuable as a catch crop, as a pasture plant and as a hay crop. Has great possibilities as a green manure crop since it only requires two to three months to grow a crop. Bee-keepers grow it for bee pasture as it yields nectar freely and blooms continuously over a long period of time.



WHITE BLOSSOM SWEET CLOVER has proved to be a profitable soil-improving crop. The large, deep roots add much humus to the soil and improve the aeration and drainage. As a rule the yield of crops following sweet clover is increased materially. Sweet clover may be utilized for feeding purposes, as pasturage, hay or ensilage. It is much used also as a honey plant by bee-keepers. Being a biennial, this crop lends itself readily to short rotations. We offer only scarified seed which insures uniform germination.

YELLOW BLOSSOM SWEET CLOVER does not grow as tall as the white blossom sort, but it branches closer to the ground and comes earlier in the season. These features are decided advantages in its favor and it is especially recommended for use as pasture either alone or mixed with grasses on dry land or on land that is so alkaline that other crops will not catch. We offer only scarified seed.



INFORMATION regarding the quantity, time and manner of planting Clovers and Grasses and the principal uses of these crops in the shape of a leaflet entitled "Seeding Pastures and Meadows" will be mailed free if you send a stamp to cover mailing. Address The CHAS. H. LILLY CO., Seattle, Wash.



Lilly's Best Medium RED CLOVER is our leading brand because of its high purity and excellent grade. Being better than 99% pure and of high germination it can be depended upon to produce a satisfactory stand and for that reason alone will prove the most economical brand to buy even at a slightly higher price per pound. Red Clover is well suited to grow with grass mixtures either for hay or pasture and is especially high in protein. All kinds of livestock relish it greatly. We can also supply two lower grades of Red Clover.

Evergreen RED CLOVER, usually 98% pure, and **Skookum RED CLOVER** which is good enough to pass the Pure Seed Laws.

Mammoth RED CLOVER, also called Sapling or Pea-Vine Clover, is a coarse, tall, rapid-growing variety. It is much used in some sections for green manuring. Prices quoted on request.



ALSIKE CLOVER is most at home in Northern latitudes or at high altitudes. It thrives best in a cool, moist climate and is used mostly in mixtures with timothy or other grasses. In such mixtures it improves the hay and increases the yield. Alsike clover will endure overflow that would kill most crops. We recommend

Lilly's Best ALSIKE CLOVER because it is better than 99% pure but can also supply **EVERGREEN ALSIKE**, usually 98% pure, and **SKOOKUM Brand ALSIKE**, better than 90% pure.

WHITE CLOVER is an excellent plant for lawns, as it will grow under almost any conditions, is easy to start, and will make a nice lawn within six weeks from the time of planting and thrives best on soils that contain lime. White clover is also excellent for pastures. It produces a forage that is well liked by all stock, is sweet, very nutritious. We can give you a choice of three grades.

Lilly's Best WHITE CLOVER Grown on land free from noxious weeds, thoroughly reclaimed and as near perfect as can be produced.

Evergreen WHITE CLOVER Not quite as good as L. B.

Skookum WHITE CLOVER Used principally for pasture purposes.

LADINO CLOVER A tall growing kind of white clover which seems to be destined to become important as a pasture plant. It has yielded twice as much pasturage as blue grass and grows sufficiently tall to cut for hay, should be given a trial on every dairy farm. One grade of seed only can be supplied. We offer the genuine which is of the highest quality.



FIELD PEAS

LILLY'S *Yellow CANADIAN WONDER*—

A selection from the common yellow Canadian. The seed is larger, the vine more robust in its habit of growth and the yield of both forage and seed is much heavier. This improved strain is destined to replace the old type.

AUSTRIAN WINTER—Has been grown in Europe for years but in America is quite new. It is very winter hardy, being injured very little by zero weather. Growth is quite erect, especially when grown with a companion crop such as rye, oats or wheat. Stems are medium coarse, 2 to 4½ feet in length; leaves numerous and medium large; flowers purple. Pods plump, bearing from four to seven seeds. They do not shatter easily. Seeds mottled dark brown, almost round, flesh yellowish-white. These peas are most successful when seeded in early fall (Sept. 15-Oct. 15). Fall seedlings stool heavily, producing from three to seven stalks per plant.

YELLOW CANADIAN—For many years this was the most generally grown variety of field peas, both for stock feed and human consumption. Seed is small, smooth and round and of a beautiful rich, yellow color. Produces much foliage which makes valuable hay even if ripened sufficiently to allow threshing the seed. Now rapidly being replaced by Lilly's Yellow Canadian Wonder.

BLUEBELL—Seed is larger than the Yellow Canadian, but similar in all other respects except color, which is a greenish-blue. The yield of both grain and forage is very satisfactory and the market often offers a much higher price for these than for the yellow sorts.

LILLY'S *MARROWEAT*—A special strain of medium sized marrowfats. They are larger than the varieties listed above and are whitish-yellow in color. A splendid variety for table use, they are very rich and nutritious. Many acres of this variety are grown annually for milling into split peas for the eastern trade.

WHIP-POOR-WILL—One of the earliest varieties of cow peas. They grow upright and vigorous and can be harvested easily. While too tender for growing in the North, we consider this variety the best all-around one obtainable. As a cover crop in the warmer sections they are very popular.

VETCHES

GRAY VETCH—Is also known as Oregon or Common Vetch. Adapted to either fall or spring planting and well adapted to all vetch growing sections. More Gray Vetch is grown than all other varieties put together. It furnishes excellent feed in great abundance.

HUNGARIAN VETCH—A variety perfected by the Oregon Agricultural College that is aphid-resistant and adaptable to culture on low, wet and sour soils as well as heavy muck lands. It is a heavy yielder of both forage and seed and even in bad aphid years is free from this pest.

PURPLE VETCH—This variety is not so well adapted to forage production, but seeds heavy on uplands of the Oregon and Washington Coast. Its principal use is as a cover crop in California's citrus groves.

HAIRY VETCH—Also called Winter Vetch, is a biennial and is sown in the fall like any winter grain. Because the seed is much smaller than Gray Vetch, less pounds of seed are required per acre; thirty to forty pounds per acre with grain is sufficient to insure a good crop. Hairy Vetch is used extensively for cover crops in the orchard districts. It roots deeply, makes good winter growth and is adapted to sandy soils.

MONANTHA VETCH—Is a winter annual. Plants are vining, stems small and weak, 2 to 3 feet in length; leaves numerous with small leaflets; seeds mottled light brown, round, flattened, resembling lentils. Pods do not shatter readily. As winter hardy as Common or Oregon Vetch, makes best growth on reasonably fertile, well drained land. Is not adaptable for spring seeding, except possibly in some of the cool, moist Coast sections. Seed in early fall (Sept. 15-Oct. 15). Grown primarily for seed production, although produces excellent forage when seeded with winter oats.

PRICES

Our prices change to meet market values and replacement costs. Let us quote you our prices whenever you are interested.



Kentucky Bluegrass

The uniformity and denseness of the sod it forms, the beautiful color of its verdure, its palatability to all classes of stock and its increasing productiveness with age, if properly handled, all conspire to make Kentucky Blue Grass (Poa Pratensis) the king of lawn and pasture grasses on soils that have an abundance of lime in their makeup. It takes several years to establish a dense turf when sown alone, for which reason it is generally sown in mixture.

Shadyland Bluegrass

A very fine lawn grass and especially valuable as an ingredient in shady place mixtures as it excels other grasses in the shade. It is a spreading species with narrow, flat, dark green leaves. Misleadingly called Rough Stalked Meadow Grass. It is very much like Kentucky Blue Grass; starts quicker, spreads faster; botanically called Poa Trivialis. Very satisfactory for both hay and pasture.

Winter Bluegrass

Poa Bulbosa, a new winter blue grass, brought originally from South America. It makes most of its growth during the late fall and winter months when rainfall is abundant. A good winter pasture grass on the non-irrigated foothills and shallow lands which produce nothing during the dry summer months. Does not produce seeds, but yields small bulbets which are broadcasted over the bare ground at the beginning of the rainy season.

Canada Bluegrass

Is of value for pasture purposes in the northern tier of states and Canada. It rarely attains a height of more than 24 inches, usually growing from 6 to 8 inches high. It is dark blue in color and resembles Kentucky Blue Grass, to which it is related, being botanically classified as Poa Compressa. It is deep rooting and grows on the poorest and driest soils for which reason it is used on steep slopes and exposed situations.

*Bents and Bluegrasses
make fine Lawns and
Pastures*

CREEPING BENTS

Native Pacific Coast Creeping Bent grasses (*Agrostis stolonifera*) having during recent years become deservedly popular all over the United States for making fine lawns and golf greens. Several strains of seed, each produced in a different section along the Pacific Coast, are now offered to the trade. All of them are true creeping Bents and are stoloniferous in their habit of growth. Their natural habitat is the lowlands adjacent to Puget Sound and the Oregon Coast where the soils are heavy and the moisture is abundant throughout the year. These soils are of an acid nature and entirely free from lime, which condition seems to be quite essential. In addition to its lawn-making qualities, Creeping Bent is well adapted to grazing or pasture uses on soils that are suitable. Once established it spreads rapidly.



SEASIDE BENT, the variety often referred to as Coos County, Bent, Cocos Bent, *Agrostis Maritima*, etc. The seed is hand-harvested with great care and for that reason is of the highest quality. We recommend this strain.

ASTORIA and PUGET SOUND BENT, sold as Golf-a-lawn, etc. This strain has a wider range of adaptability and will succeed quite well on soils too light for the Seaside strain, but, of course, does best on the heavier acid type soils.

Rhode Island Bent

A valuable lawn grass that should have more generous recognition. It makes a fine, close-knit lawn of splendid color and succeeds well on our medium type soils. It can well be blended into mixed lawns as it stands well and is often used on golf courses to make putting greens. Rhode Island Bent also makes fine pasture and is often cut for hay. It grows about 24 inches in height.

German Mixed Bent

A mixture of Bent grasses that has been imported from Southern Europe for years for making lawns and seedling golf courses. The predominating grasses in the mixture are Red Top (*Agrostis alba*, var. *vulgaris*), Rhode Island Bent (*Agrostis capillaris*, var. *tenuis*) and Velvet Bent (*Agrostis canina*). About 15 per cent is creeping (stoloniferous rooted), while Pacific Coast Bents are practically 100 per cent creeping.



FESCUES

CHEWING'S FESCUE is a small, hardy, low-growing grass, producing very fine dark green leaves which rarely exceed 6 inches in height and in growing have a dense turf-forming habit. It is a permanent grass and its turf improves with age and never grows coarse or produces a stubble, even though cutting of the greens be delayed. The plant is of hardy constitution and thrives on a wide range of soils, from those of a poor, light, sandy nature to heavy loams and, like other grasses, the better the condition, the better it grows.

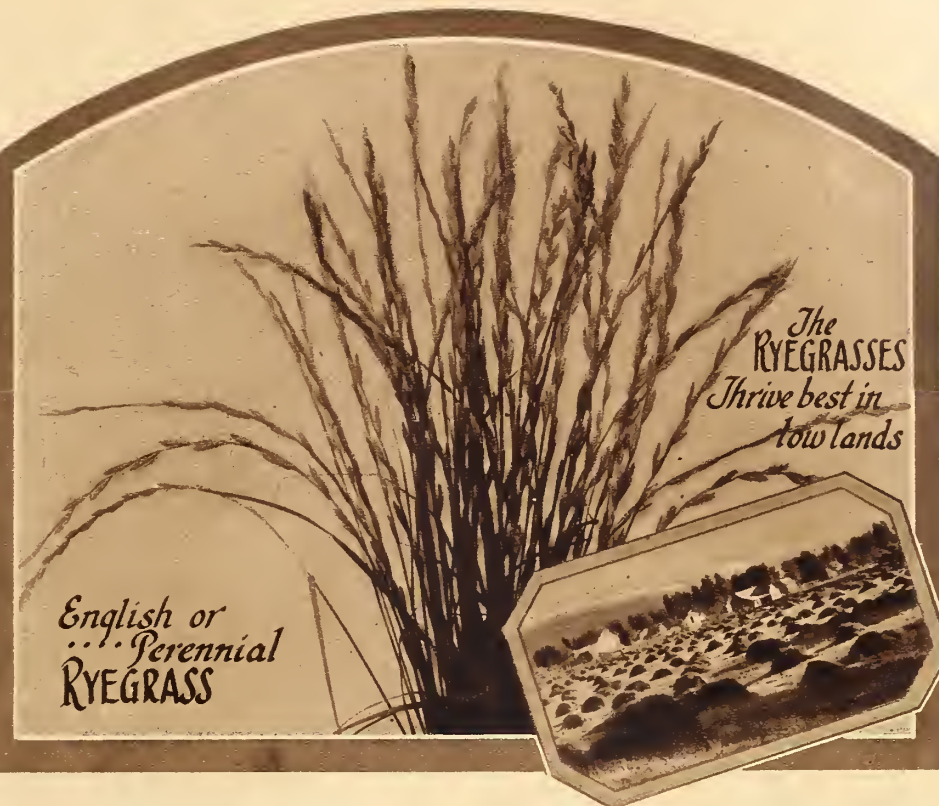
NOTE: Lilly's Crebent Lawn Seed contains a large proportion of this wonderful lawn grass.

SHEEP'S FESCUE is a bunch grass, forming dense tufts 3 to 6 inches in diameter, with numerous stiff, rather sharp, nearly

erect bluish gray leaves, 2 to 4 inches long. The plant grows 20 to 25 inches high. It does fairly well on light sandy soils where the other more valuable pasture grasses fail.

MEADOW FESCUE is a perennial grass which grows 2 to 3 feet high and is strongly drought resistant, making it valuable for semi-acid lands. After the frost has killed the native grasses, stock may be pastured on Meadow Fescue, thus reducing by several weeks the period of dry-lot feeding. Meadow Fescue is sometimes called English Blue Grass, which is incorrect and confusing, as it is not related to the blue grasses.

HARD FESCUE differs from Sheep's Fescue in having harsher, firmer and thicker blades, grows more dwarf and forms smaller tufts. Thrives in the shade and of late is being used for the "rough" on golf courses as it seems to thrive well on sandy and coarse soils.



RYE GRASSES

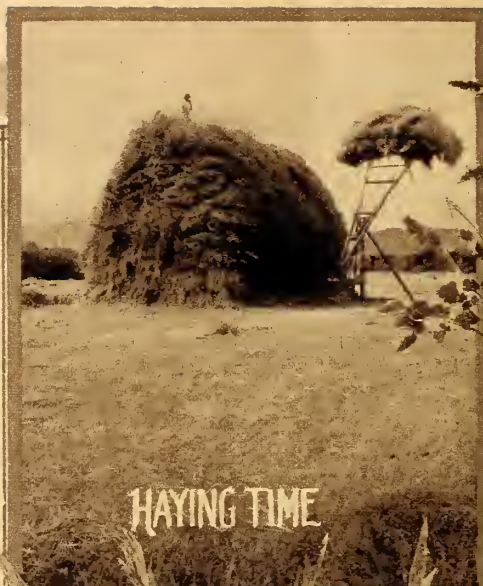
OREGON RYE GRASS, quite often referred to as Domestic, Western or Pacific Rye Grass, is a rather distinctive type common to Western Oregon and is grown as a winter annual. It is a rapid grower, very winter hardy; leaves and stems medium fine, stools heavily, has a bright green color and has a rapid comeback after mowing, especially during the winter months. It is adaptable to a wide range of soil conditions.

ITALIAN RYE GRASS is supposed to be a biennial, but in the milder regions on the Pacific it lasts almost indefinitely and is one of our most valuable pasture grasses as it produces green feed late in the season after other grasses are past their prime. Thrives best on lowlands and will stand considerable overflow. It makes a rapid growth and will

furnish more green pasture in midsummer than any other grass.

ENGLISH RYE GRASS is a tufted perennial which grows 2 to 3 feet tall and its principal use in this section has been as an ingredient in pasture and hay mixtures. It makes much succulent leaf growth close to the ground and recovers quickly when cut which has led to its use in cheap temporary lawn mixtures. It comes quickly after seeding and is highly relished by stock, being preferred to most other cultivated grasses.

PACEY'S RYE GRASS is valuable in lawns as a nurse grass and where quick results are desired. It produces a verdant growth within 4 or 5 weeks after sowing. The leaves are narrow, flat and smooth, the under side being glossy which gives it an attractive appearance. It is short, plump seeded.



TIMOTHY is one of the most universally known and cultivated grasses, especially adapted to cool, moist soils and because the seed is usually cheap, of high germination and purity it is a general favorite with farmers. The importance of Timothy in America is due to its rather remarkable combination of qualities as well as its splendid adaptation to the same area as red clover. It produces good yields, a stand is usually secured easily. We can supply three grades of seed.

JULY'S BEST TIMOTHY—Better than 99% pure. Sow this grade for hay. **EVERGREEN TIMOTHY**—Not as good as L. B. **SKOOKUM TIMOTHY**—Suitable for temporary pasture purposes only.

BROME GRASS is a hardy, smooth, erect perennial, usually 2 to 3 feet tall, producing strong creeping rootstalks. Primarily a dry land grass, it does best under dry farming conditions, seeding can be done during fall or spring. It furnishes more green feed in the dry regions than any other of the true grasses and is noted for its ability to withstand droughts.

CRESTED DOGSTAIL is adapted primarily to cool, moist regions where it seems to thrive principally in the two extremes, hot sun and dense shade. Makes a fair lawn grass under those conditions and gives promise of becoming important in pasture conditions.



ORCHARD GRASS, also known as Cocksfoot, is one of the earliest grasses to start up in the spring, remains green during long, hot summers and late into the fall. It furnishes abundant feed and it is fairly well liked by stock; it grows in tussocks, and therefore does not make an even sod, but its roots penetrate to a considerable depth causing it to withstand drought better than most other grasses on light and dry soils. After being mown it recovers quickly and yields abundant pasture. One of its most important advantages is that it ripens exactly with red clover and is thus eminently adapted to sowing with that important leguminous crop. Its ability to grow in the shade of trees is likely responsible for its name.

RED TOP on land that is too wet for timothy, is decidedly the best substitute for that grass and is the most variable of all the cultivated grasses. It will even thrive on land too wet for cultivation, and when sown on upland is strongly drought resistant and is often used for holding banks to prevent erosion. The best form has large, erect stems, with broad, coarse leaves. This is the one generally grown for hay and pasture and the seed we offer is of this type.

SUDAN GRASS



SUDAN GRASS is an early maturing annual sorghum plant, not particular about soil, but requires warm weather. Thick seeding is advisable, otherwise the crop grows too rank and coarse as the plants stool heavily and grow 10 feet high, if given sufficient room. Important as a fodder plant in the arid sections of the West where it seems to thrive on lands that are quite alkaline. It also endures excessive moisture and withstands extreme drought; yields from 2 to 8 tons of hay per acre and is often cut four times in a season.

REED CANARY GRASS grows naturally in wet soils and will stand periodical inundation. Growth begins early in the spring and continues late into the fall and the plant will stand the severest winter weather; is rather stiff and coarse and grows in dense tussocks.

TALL MEADOW OAT GRASS is of rapid, luxuriant growth during winter and spring and matures exactly with orchard grass and red clover and is, therefore, adapted to sowing with these crops. It has a slightly bitter taste but is as closely grazed in the pasture as any of the other grasses. Stands pasturing well, remains green late in fall, roots deeply, thrives on both upland and bottoms but does not like shade. Height from 30 to 60 inches.

VELVET GRASS, also erroneously called Mesquite and Fog Grass, is a good meadow grass in dry, sandy soil but of little value where other grasses thrive. It is a perennial about 2 feet tall and is soft and velvety. The hay is remarkable for its lightness, a ton of it being much more bulky than a like weight of other kinds of hay.

LILLYS HAY and PASTURE SEEDS

MEADOWLAND HAY MIXTURE produces hay of fine quality which matures evenly. Timothy, red clover, orchard grass, rye grass, red top, meadow fescue, etc., predominate in this mixture. In addition to the other advantages to be obtained by sowing a mixture of grasses both for hay and pasture there is a decidedly lower cost.

LOWLAND (No. 1) PASTURE MIXTURE is especially prepared for wet bottom lands. Contains mostly such desirable seeds as timothy, alsike clover, rye grass, red top and meadow fescue.

UPLAND (No. 2) PASTURE MIXTURE, for benches and uplands, especially useful for sowing on logged-off land. Contains lots of red clover, meadow fescue, timothy, rye grass, red top, etc.

Prices on Application

LILLYS Meadowland Hay Mixture



LILLYS Lowland Pasture Mixture

SEED GRAINS

LILLY'S GRAY WINTER OATS—Especially valuable for fall seeding, grows tall, has stiff straw and yields heavily. Good for seeding with Vetch.

ABUNDANCE OATS—Introduced from Scotland and a proven yielder on heavy soils. Medium height, erect, white seeded and medium early. A spring grain.

VICTORY OATS—Excels all others for yield on light soils. The quality also is fine. Habit is erect and seed white. Sow in the spring.

LILLY'S SWEDISH SELECT OATS—A heavy strawed, very productive variety adapted to general conditions on the Coast. This white spring oat is very popular.

BANNER OATS—A white seeded, spreading headed spring oat that is too well-known to require much description. A very heavy yielder.

LILLY'S BLACK ALASKA OATS—A black seeded spring oat with heavy straw and much foliage. Good to sow with vetch or peas; fine for hay or green feed.

SKOOKUM OATS—A selected white oat intended for use as hay, as no particular attention is given to keeping the strain pure.



BEARDED BARLEY

LILLY'S Success

BEARDLESS BARLEY

LILLY'S "SUCCESS" BEARDLESS BARLEY—An exceptional strain of true beardless barley that was perfected by the Washington State College. Very heavy producer. Good for hay or grain.

WHITE HULLESS BARLEY—It threshes out like wheat and grows beardless. More productive and two weeks earlier than wheat, making it a splendid spring sown crop in some sections.

BEARDED BARLEY—A white six-rowed variety of bearded barley that is very popular. It is sufficiently hardy that it can be sown in the fall in sheltered localities of the West.

"How to Grow Grains and Forage Crops" is the title of a bulletin published by the Chas. H. Lilly Co., Seattle, Wash. A copy can be secured free if you send a stamp to pay the mailing cost.

Prices
on
Application

VICTORY

**LILLY'S
Swedish
Select**

LILLY'S JAPANESE MILLET—Often grows six feet tall and yields enormous tonnage of hay and forage, sometimes called Barnyard Grass and Billion Dollar Grass. **GOLDEN or GERMAN MILLET**—Medium early, yellow seeded, fine for hay or forage; also a heavy seed producer.

SIBERIAN MILLET—Best for localities having hot weather; resists heat and drought well.

HUNGARIAN MILLET—Earlier than the Golden Millet and less productive of seed, splendid forage crop.

YELLOW HOG MILLET—The best strain of broom corn millet.



Lilly's
PEDIGREED
SUN WHEAT

CLUB
WHEAT

SPELTZ or EMMER is a type of grain which retains its hull when threshed and resembles beardless barley when growing. It is very hardy, though not grown much commercially. Does quite well on poor soils and likes warm, sheltered locations.

LILLY'S PEDIGREED SUN WHEAT—A remarkable variety of winter wheat. It is red seeded, smut and rust resistant and a heavy yielder. It is beardless.

RED RUSSIAN WHEAT—A late maturing variety of winter wheat, producing heavy yields and dense foliage. Matures late.

LILLY'S MARQUIS WHEAT—Extremely early and productive as well as hardy. Straw is stiff, seed is red, heads long and free from beards. A spring wheat.

BLUESTEM WHEAT—The popular Pacific Coast strain of a valuable white seeded wheat. Mostly used as a spring wheat, but will stand fall seeding in sheltered sections.

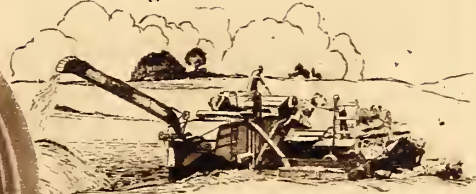
Bluestem has long been the standard and is still unexcelled. The Bluestem of the Pacific Coast has a white grain and smooth chaff quite unlike the velvet chaff and red grains of the states east of the Rockies.



LILLY'S ROSEN RYE—Introduced by the Michigan State College from Russia; this variety has taken the rye growing sections by storm, heavy yielding, large seeded, high quality rye. The best winter variety.

COMMON RYE—A selected strain of the ordinary type of fall rye that has been grown in this country for years. Rye has been aptly called the "Grain of Poverty" because it is better adapted to poor soils than other grains. The rate of seeding varies, 80 to 200 pounds, depending on the nature of soil and purpose of the crop.

LILLY'S SPRING RYE—This strain was perfected by the Washington State College. A good yielder and a valuable addition to our list of grains.



MARQUIS
WHEAT



A FIELD OF ROSEN RYE

RUSSIAN SUNFLOWERS are now planted extensively in some sections for silage, being grown just about the same as corn. On good land as much as 30 tons of green food has been produced per acre.

JAPANESE BUCKWHEAT may be grown on rough land, but will respond to good treatment with increased production.

DWARF ESSEX RAPE is an excellent crop for pasture. It does best on peaty soils. A heavy feeder and must not be expected to succeed on poor, worn-out land.

SEED FLAX, a profitable late crop. Has a shallow root system and therefore thrives on new land.

SOY BEANS do best when planted in rows and cultivated. Much the same method of culture is used for raising garden beans.

EARLY AMBER CANE is the most common variety of forage Sorghum grown. Plant late in the spring.

KAFFIR CORN—An excellent fodder plant which is highly relished by cattle and all kinds of stock. Requires much warm weather for best results.

The lawn below was two years old when photographed (Aug. 1st, 1929) and had been fertilized every six weeks with Lilly's **LAWN MORCROP** during both growing seasons. The grass always has been a rich dark green color, and as the slang phrase goes, is as thick as the hair on a pup's back. Because **LAWN MORCROP** produces an acid soil reaction there always has been a noticeable absence of weeds. Such a lawn adds much to the selling value of one's property and is a constant joy to those who have an opportunity to use it.

50-lb. sack, enough for 2,000 to 3,000 square feet, \$1.75.

Odorless—Quick Acting—Easy to Apply

*Use Lilly's **LAWN MORCROP**
to make and keep Your Lawn thick,
dark green and Vigorous in growth*



GARDEN MORCROP

A special fertilizer prepared for gardens where the soil is poor and lacks life and humus. It is more bulky than most complete commercial fertilizers because it contains a generous quantity of humus. It is relatively high in plant food, containing 5% Nitrogen, 10% Phosphoric Acid and 5% Potash. Its generous use will prevent heavy soil from crusting and will make light soils more retentive of moisture. Packed in convenient cartons at 35c and 65c each and in bags at \$2.00 each and \$3.50 each.

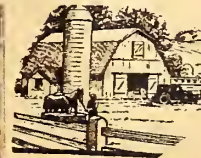
TRIPLE MORCROP

A highly concentrated fertilizer in granular form, packed in a pour spout carton for convenience. Use as much as you require any time without even soiling your hands. Price 35c—a little goes a long way.



MORCROP TABLETS

Highly concentrated, properly balanced, Complete Fertilizer in tablet form that is easy and economical to use. Simple directions on each package. Price 15c.





BIRD SEED

Lilly's Bavarian Bird Seed, a mixture of first quality seed, especially prepared for all hard billed, seed-eating birds. Very fine for Roller Canaries. Only the very best, fresh, sweet seeds are used. Packed in a pour spout carton for your convenience.

Lilly's Baby Bird Food is made with great care, the various ingredients being baked or cooked in their preparation to keep them sweet and wholesome. Contains Egg, Milk and Cod Liver Oil and cannot be excelled for quality.

Adelphia Mixed Bird Seed, a splendid feed that is mighty popular with a lot of old-time bird raisers. Contains a generous quantity of Dutch Maw or Poppy Seed but no Hemp. Fine for singers.

Lilly's Bird Seed is positively the equal or superior of any bird seed mixture on the market. Compounded from the finest quality seeds that are sweet, fresh, plump and wholesome. Your birds will thrive on it and this really good mixture is just as economical to feed as any other.

Lilly's Bird Salad, a mixture of seeds not ordinarily contained in bird seed mixtures but available in plentiful quantities to birds in the open. It supplies the variety that birds naturally require to promote good health and should be part of every caged bird's ration. Try a package and be convinced that Lilly's Bird Salad is good health insurance.

**THE HANDIEST SPRAY
ON THE MARKET**
Just add cold water
and it's Ready
to Use

Lilly's Bird Gravel is made from mountain granite crushed and graded to the proper size. It is hard and sharp and contains sufficient mica to keep it in grinding condition a long time. Birds that are provided with Lilly's Bird Gravel are insured good digestion and fine health.



Contains Whale Oil Soap Spreader



**PREVENTS
ROOT MAGGOTS
ON CABBAGE,
ONIONS, RADISH
ETC.**

**IN A HANDY
POUR SPOUT
CARTON**

Abronia.....	22	Cauliflower.....	4
Acrolinium.....	22	Celery.....	7
Adonis.....	22	Celosia.....	27
African Golden Daisy.....	22	Centaurea.....	25-45
Ageratum.....	22	Chewings Fescue.....	57
Alfalfa.....	52	Chicory.....	7
Alsike Clover.....	53	Chinese Cabbage.....	5
Alyssum.....	32-45	Chinese Forget-me-not.....	28
Amaranthus.....	33-34	Chinese Woolflower.....	7
Anchusa.....	23	Chives.....	28
Anemone.....	23	Chrysanthemum.....	28
Angels Trumpet.....	23	Clarkia.....	28
Anise.....	10	Clovers.....	52
Antirrhinum.....	43	Cobaea.....	29
Aquilegia.....	28	Cockscomb.....	28
Arabis.....	23	Collections,	
Arctotis.....	23		24-35-37-38-41-46-49
Argemone.....	23	Columbine.....	28-35
Artichokes, Jerusalem.....	1	Colonial Collection.....	35
Asparagus.....	1	Cornflower.....	25
Asters.....	24	Cosmos.....	29
Astoria Creeping Bent.....	56	Cow Peas.....	54
Baby's Breath.....	25	Crebent Lawn Seed.....	51
Balsam.....	33	Creeping Bent.....	56
Barley, Bearded and Beardless.....	60	Cress.....	6
Basil, Sweet.....	10	Crested Dogstail.....	58
Batchelors Button.....	25-38	Corn, Sweet and Field.....	8
Beans, Bush, Pole and Lima.....	2	Cucumbers.....	9
Beets, Table and Stock.....	3	Cup and Saucer Vine.....	29
Bellis.....	30	Cypress Vine.....	29
Bent Grasses.....	56	Dahlia Seed.....	29
Black Eyed Susan.....	25	Daisies.....	22-23-30-43
Blue Grasses.....	56	Datura.....	23
Blue Lace Flower.....	25	Delphinium.....	29
Brachycome.....	25	Dianthus.....	27-41
Broccoli.....	4	Didiscus.....	25
Brome Grass.....	58	Digitalis.....	31
Browallia.....	25	Dill.....	10
Brussels Sprouts.....	4	Echinocystis.....	48
Buckwheat.....	62	Egg Plant.....	9
Cabbage.....	5	Emmer.....	60
Cacalia.....	26	Endive.....	9
Calendula.....	26	English Double Daisy.....	30
California Poppy.....	41	English Rye Grass.....	57
Calliopsis.....	26-35	Eschscholtzia.....	41
Canada Blue Grass.....	56	Euphorbia.....	44
Canary Bird Vine.....	26	Everlastings, Mixed.....	30
Candytuft.....	26	Fall Flowering Annuals.....	30
Cane, Early Amber.....	62	Fertilizers.....	62-63
Cantaloupe.....	12	Fescue Grasses.....	57
Canterbury Bells.....	27	Field Peas.....	54
Caraway.....	10	Flax.....	43-61
Cardinal Climber.....	27	Flowering Tobacco.....	30
Carnation.....	27	Forget-me-nots.....	28-30
Carrot, Table and Stock.....	6	Four O'Clock.....	30
Casaba Melons.....	12	Foxglove.....	31
Castor Bean.....	27	Gaillardia.....	31-35
Catnip.....	10	Garden Morcrop.....	63

INDEX

Geranium Seed.....	31
German Bent Grass.....	56
German Millet.....	61
Geum.....	31
Godetia.....	31
Golden Alyssum.....	32
Golden Millet.....	61
Gomphrena.....	32
Gourds.....	32
Grimm Alfalfa.....	52
Gypsophila.....	25
Hairy Vetch.....	55
Hard Fescue.....	57
Hay Mixture.....	59
Helichrysum.....	44
Heliotrope.....	32
Helianthus.....	44
Herbs.....	10
Hibiscus.....	32
Hog Millet.....	61
Hollyhocks.....	32
Horehound.....	10
Hubam Clover.....	52
Hungarian Millet.....	61
Hyacinth Bean.....	33
Ice Plant.....	33
Immortelle.....	48
Ipomoea.....	27-29-36
Italian Rye Grass.....	57
Jack and the Beanstalk.....	33
Japanese Millet.....	61
Joseph's Coat.....	33
Kaffir Corn.....	61
Kale, Table and Field.....	10
Kentucky Bluegrass.....	56
Kochia.....	36
Kohl Rabi.....	10
Kudzu Vine.....	33
Ladino Clover.....	53
Lady Slipper.....	33-38
Lantana.....	33
Larkspur.....	34
Lavender.....	10-45
Lawn Morcrop.....	62
Lawn Seed.....	50-51
Leek.....	11
Lettuce.....	11
Linum.....	43
LOBELIA.....	34
Love Lies Bleeding.....	34
Lupins.....	34
Mammoth Red Clover.....	53
Mangel Beets.....	3
Marigolds.....	35

Marjoram, Sweet.....	10
Marrowfat Peas.....	54
Matricaria.....	36
Meadow Fescue.....	57
Melons.....	12-13
Mexican Firebush.....	36
Mignonette.....	36
Millets.....	62
Mirabilis.....	30
Moonflower.....	36
Morcrop Tablets.....	63
Morning Glory.....	36-38
Mourning Bride.....	42
Mushroom Spawn.....	12
Musk Melons.....	12
Mustard.....	12
Myosotis.....	30
Nasturtiums.....	37
Nemesia.....	38
Nemophila.....	38
Nigella.....	38
N-P Lawn Seed.....	50
Oats, White, Gray and Black.....	60
Old-Fashioned Garden.....	38
Old English Collection.....	38
Onions.....	13
Onion Sets.....	13
Orchard Grass.....	58
Oregon Rye Grass.....	57
Pacey's Rye Grass.....	57
Pansies.....	39
Parsley.....	12
Parsnips.....	14
Pasture Mixtures.....	59
Peas, Table.....	14
Peppers.....	15
Perennial Rye Grass.....	57
Petunias.....	40
Phlox.....	40
Pinks.....	38-41
Planting Charts, Opposite.....	1
Poa Grasses.....	56
Poppies.....	41
Portulaca.....	42
Potatoes.....	15
Puget Sound Creeping Bent.....	56
Pumpkins.....	15
Pyrethrum.....	42
Radish.....	16
Red Clover.....	52
Red Top.....	58
Reed Canary Grass.....	59
Rhodanthe.....	42
Rhode Island Bent.....	56
Rhubarb.....	16
Ricinus.....	27
Rock Cress.....	23
Rosemary.....	10

Rutabaga.....	16
Rye.....	61
Rye Grass.....	57
Sage.....	10-42
Salpiglossis.....	38-42
Salsify.....	17
Salvia.....	42
Savory, Sweet.....	10
Scabiosa.....	42
Scarlet Flax.....	43
Scarlet Runner.....	43
Schizanthus.....	43
Seaside Creeping Bent.....	56
Shadyland Blue Grass.....	56
Shasta Daisy.....	43
Sheep Fescue.....	57
Siberian Millet.....	61
Snapdragon.....	38-43
Snow on the Mountain.....	44
Soy Beans.....	61
Speltz.....	60
Spinach.....	17
Squash.....	18
Statice.....	44
Stocks.....	35-44
Strawflowers.....	30-44
Sweet Alyssum.....	45
Sweet Basil.....	10
Sweet Clovers.....	52
Sweet Fennel.....	10
Sweet Lavender.....	10-45
Sweet Marjoram.....	10
Sweet Peas.....	46-47
Sweet Sultan.....	45
Sweet William.....	45
Swiss Chard.....	17
Tall Meadow Oat Grass.....	59
Thyme.....	10
Timothy.....	58
Tobacco.....	19
Tomatoes.....	18-19
Triple Morcrop.....	63
Turnips.....	19
Velvet Grass.....	59
Verbena.....	35-45
Vetches.....	55
Violets.....	48
Wall Flower.....	48
Water Melon.....	13
Wheat, Spring and Winter.....	61
White Clover.....	53
Wild Cucumber.....	48
Wild Flower Garden.....	48
Wistaria.....	48
Winter Blue Grass.....	56
Winter Grains.....	54-55-60-61
Xeranthemum.....	48
Zinnias.....	49

Surety Seeds are sealed in trademarked packets to insure their freshness, preserve their purity, safeguard their germination and make their identification easy.

Golden Bantam Sweet Corn

20
¢

LILLY'S

Gloria Packets

A special Family Size package of the most popular varieties of Peas, Beans and Corn selling at 20¢ each.

Containing improved strains of favorite sorts packed in nicely colored packets and given the doubled protection of transparent wrapping.

Desirable as gifts for your Eastern friends.

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